

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
 Data File : VN069975.D
 Acq On : 10 Dec 2021 22:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 11 05:26:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/11/2021
 Supervised By : Amit Patel 12/14/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.085	168	1010361	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	1668979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1565171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	674033	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	744150	47.702	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.400%
35) Dibromofluoromethane	8.021	113	523839	50.108	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.220%
50) Toluene-d8	10.443	98	2004304	47.748	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.500%
62) 4-Bromofluorobenzene	12.731	95	726954	47.803	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	476875	40.467	ug/l	99
3) Chloromethane	2.303	50	580335	39.309	ug/l	99
4) Vinyl Chloride	2.448	62	549172	40.454	ug/l	99
5) Bromomethane	2.837	94	286423	38.836	ug/l	98
6) Chloroethane	3.011	64	335054	40.277	ug/l	99
7) Trichlorofluoromethane	3.371	101	735728	41.294	ug/l	98
8) Diethyl Ether	3.821	74	295551	43.071	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.205	101	435177	43.573	ug/l	96
10) Methyl Iodide	4.417	142	538583	39.474	ug/l	97
11) Tert butyl alcohol	5.382	59	589766	200.004	ug/l	99
12) 1,1-Dichloroethene	4.178	96	410521	42.656	ug/l	88
13) Acrolein	4.038	56	602561	239.955	ug/l	98
14) Allyl chloride	4.838	41	962575	44.386	ug/l	92
15) Acrylonitrile	5.554	53	1670957	210.292	ug/l	98
16) Acetone	4.288	43	1583465	168.739	ug/l	96
17) Carbon Disulfide	4.524	76	1109000	44.603	ug/l	98
18) Methyl Acetate	4.854	43	1177888	41.584	ug/l	90
19) Methyl tert-butyl Ether	5.618	73	1635332	43.701	ug/l	96
20) Methylene Chloride	5.092	84	511008	40.962	ug/l	# 84
21) trans-1,2-Dichloroethene	5.597	96	439814	42.074	ug/l	86
22) Diisopropyl ether	6.498	45	1925198	45.419	ug/l	# 95
23) Vinyl Acetate	6.433	43	7066238	204.908	ug/l	# 94
24) 1,1-Dichloroethane	6.385	63	968290	44.099	ug/l	98
25) 2-Butanone	7.337	43	2472724	193.935	ug/l	91
26) 2,2-Dichloropropane	7.324	77	704058	41.240	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	536562	42.485	ug/l	85
28) Bromochloromethane	7.656	49	485425	42.514	ug/l	# 76
29) Tetrahydrofuran	7.686	42	1615417	208.649	ug/l	87
30) Chloroform	7.817	83	974255	43.934	ug/l	98
31) Cyclohexane	8.094	56	898378	41.381	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	844354	44.700	ug/l	96
36) 1,1-Dichloropropene	8.220	75	695734	43.789	ug/l	96
37) Ethyl Acetate	7.412	43	957837	40.505	ug/l	96
38) Carbon Tetrachloride	8.206	117	717518	46.053	ug/l	99
39) Methylcyclohexane	9.461	83	805831	42.640	ug/l	89
40) Benzene	8.461	78	2096799	43.176	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	520294	46.870	ug/l #	84
42) 1,2-Dichloroethane	8.531	62	844429	43.074	ug/l	97
43) Isopropyl Acetate	8.560	43	1536061	43.894	ug/l #	92
44) Trichloroethene	9.215	130	488706	42.162	ug/l	90
45) 1,2-Dichloropropane	9.491	63	580982	44.550	ug/l	100
46) Dibromomethane	9.579	93	375686	43.925	ug/l	93
47) Bromodichloromethane	9.762	83	788437	48.688	ug/l	99
48) Methyl methacrylate	9.561	41	718928	44.022	ug/l	87
49) 1,4-Dioxane	9.571	88	229923	784.641	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	5034576	221.769	ug/l	95
52) Toluene	10.505	92	1284138	43.311	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	809752	42.040	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	868495	42.783	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	522710	43.695	ug/l	98
56) Ethyl methacrylate	10.762	69	898389	40.266	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	932592	44.274	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1194282	199.906	ug/l	90
59) 2-Hexanone	11.084	43	3615885	210.553	ug/l	92
60) Dibromochloromethane	11.237	129	575790	45.163	ug/l	99
61) 1,2-Dibromoethane	11.347	107	538992	43.500	ug/l	98
64) Tetrachloroethene	10.977	164	416235	39.220	ug/l	95
65) Chlorobenzene	11.771	112	1352633	42.599	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	522428	46.746	ug/l	99
67) Ethyl Benzene	11.846	91	2550022	44.211	ug/l	96
68) m/p-Xylenes	11.953	106	1862667	88.694	ug/l	92
69) o-Xylene	12.280	106	925908	43.770	ug/l	91
70) Styrene	12.294	104	1530904	45.639	ug/l	95
71) Bromoform	12.457	173	443521	46.596	ug/l #	100
73) Isopropylbenzene	12.578	105	2461290	41.042	ug/l	98
74) N-amyl acetate	12.387	43	1132264	42.693	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	852785	41.122	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	730167m	37.774	ug/l	
77) Bromobenzene	12.859	156	569348	40.419	ug/l	78
78) n-propylbenzene	12.921	91	2828066	42.379	ug/l	96
79) 2-Chlorotoluene	13.007	91	1726327	40.940	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	2006033	41.560	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	247207	42.518	ug/l	96
82) 4-Chlorotoluene	13.106	91	1649915	41.607	ug/l	92
83) tert-Butylbenzene	13.323	119	1777307	41.584	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	1935389	42.102	ug/l	98
85) sec-Butylbenzene	13.500	105	2446597	42.202	ug/l	98
86) p-Isopropyltoluene	13.616	119	1946842	42.962	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	957168	41.362	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	929662	40.879	ug/l	97
89) n-Butylbenzene	13.943	91	1589673	43.245	ug/l	97
90) Hexachloroethane	14.211	117	394737	49.615	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	939404	41.663	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	163354	43.592	ug/l	78
93) 1,2,4-Trichlorobenzene	15.265	180	426687	39.241	ug/l	98
94) Hexachlorobutadiene	15.370	225	253155	42.365	ug/l	99
95) Naphthalene	15.507	128	1165772	36.555	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	420804	39.578	ug/l	98

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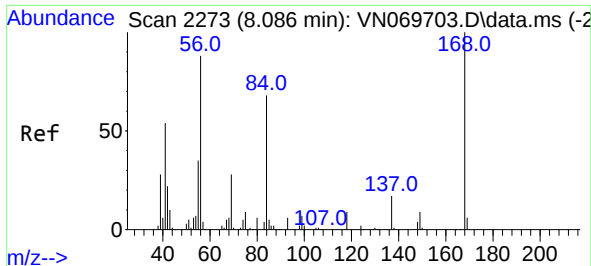
Manual Integrations
APPROVED

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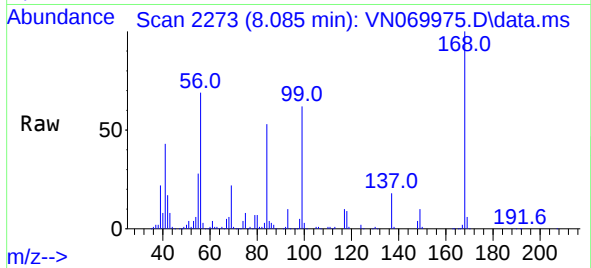
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
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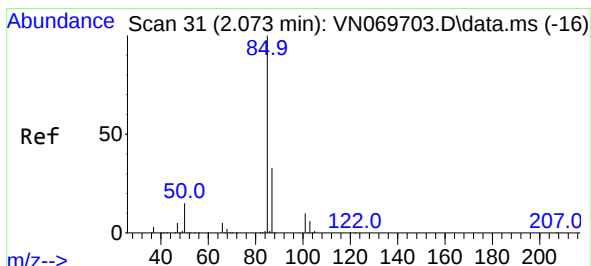
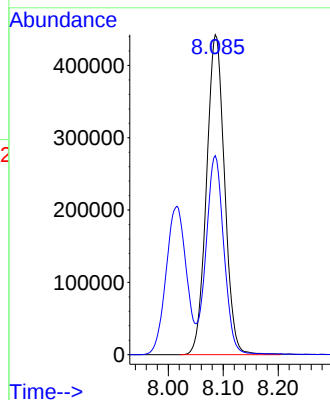
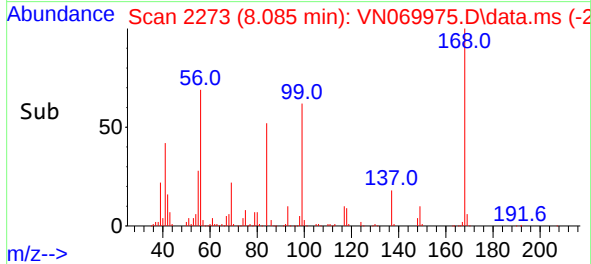
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MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 101036
Ion Ratio Lower Upper
168 100
99 61.9 41.3 61.9

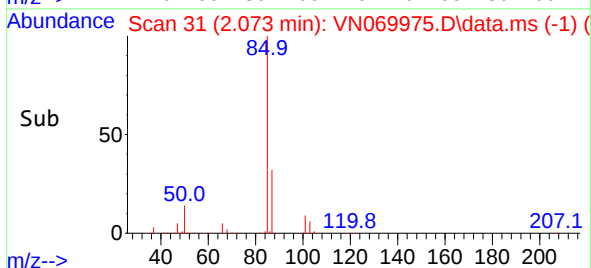
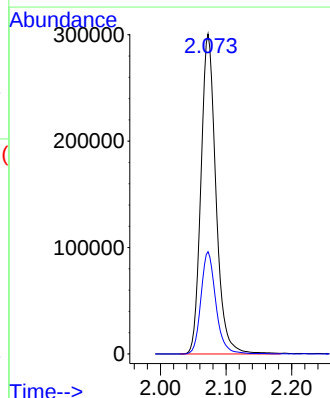
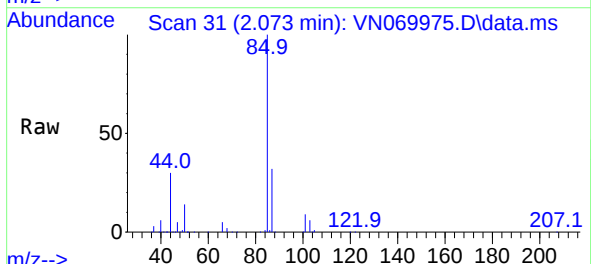
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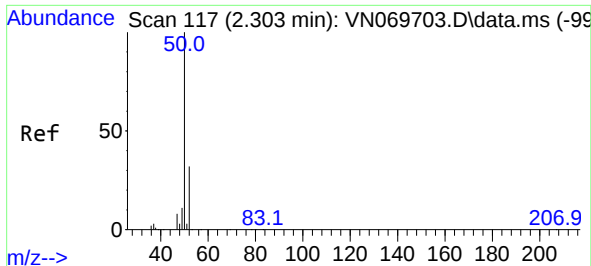
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#2
Dichlorodifluoromethane
Concen: 40.467 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

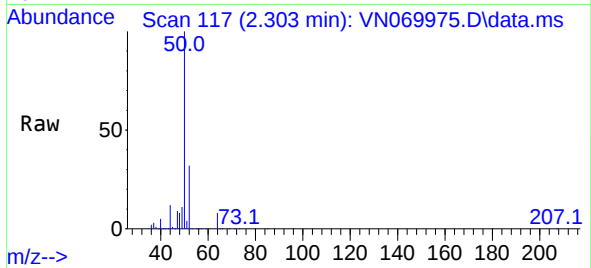
Tgt Ion: 85 Resp: 476875
Ion Ratio Lower Upper
85 100
87 31.9 16.3 48.9





#3
Chloromethane
Concen: 39.309 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

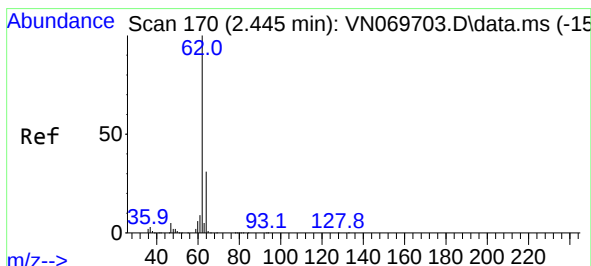
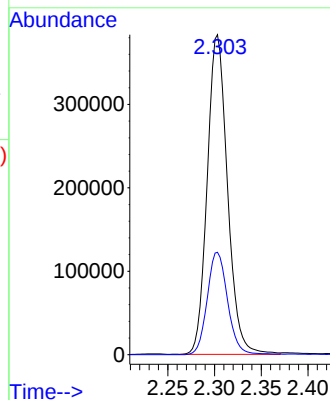
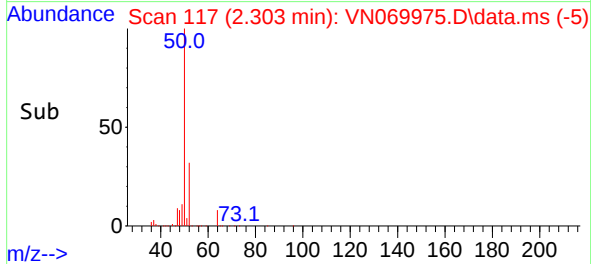
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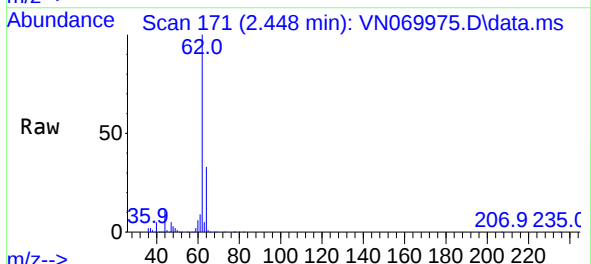
Tgt Ion: 50 Resp: 580335
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.0

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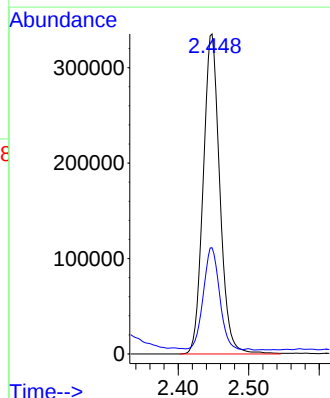
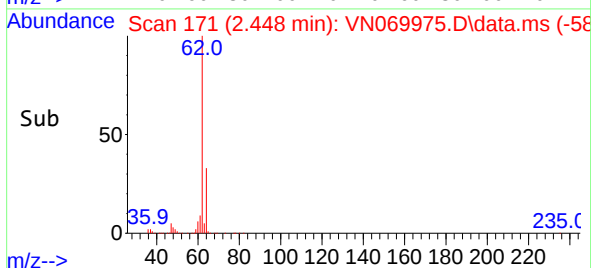
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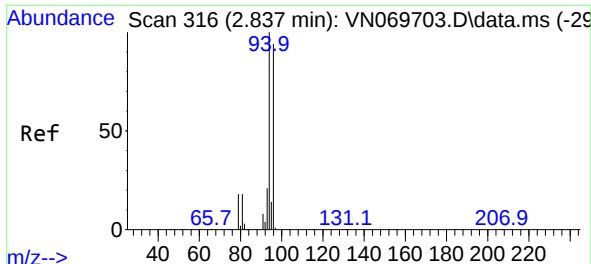


#4
Vinyl Chloride
Concen: 40.454 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21



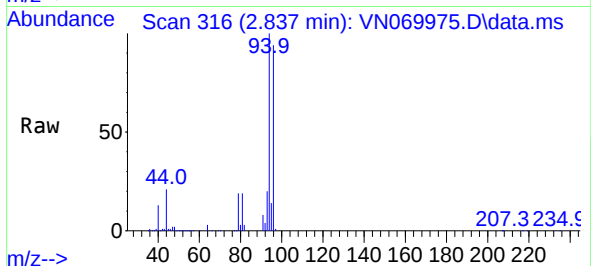
Tgt Ion: 62 Resp: 549172
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.6





#5
Bromomethane
Concen: 38.836 ug/l
RT: 2.837 min Scan# 316
Delta R.T. -0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

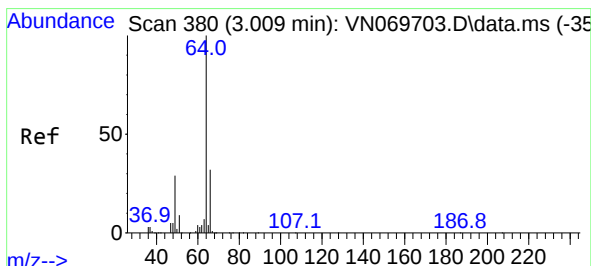
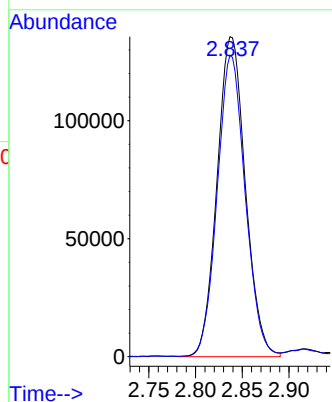
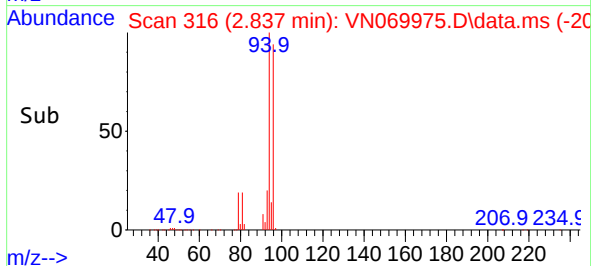
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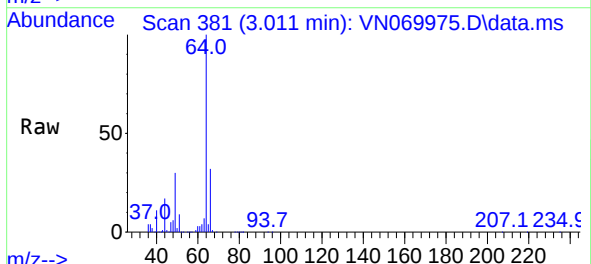
Tgt Ion: 94 Resp: 28642
Ion Ratio Lower Upper
94 100
96 94.1 73.8 110.8

Manual Integrations
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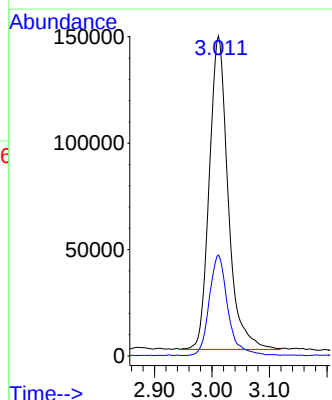
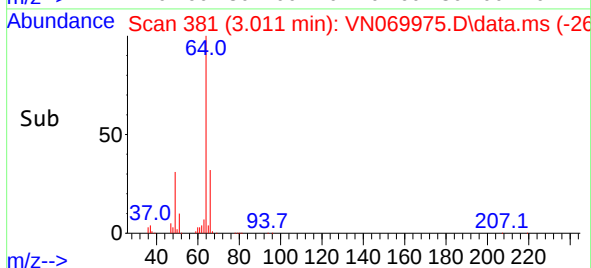
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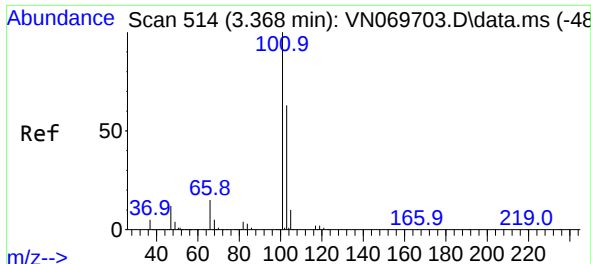


#6
Chloroethane
Concen: 40.277 ug/l
RT: 3.011 min Scan# 381
Delta R.T. 0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21



Tgt Ion: 64 Resp: 335054
Ion Ratio Lower Upper
64 100
66 32.1 26.3 39.5





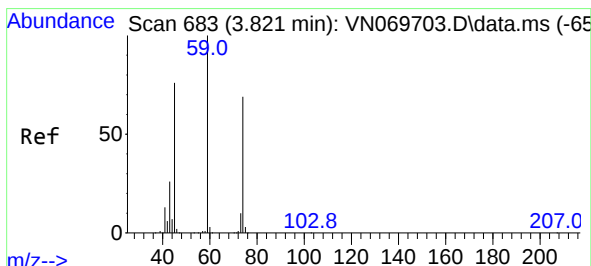
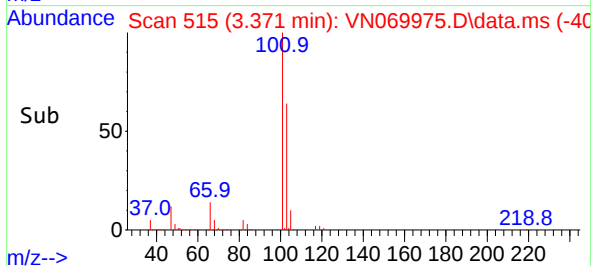
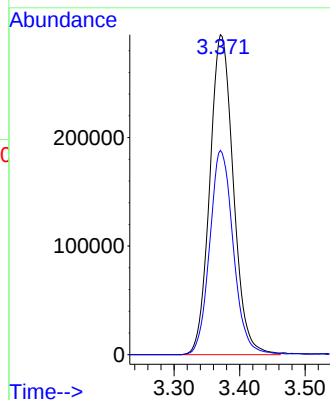
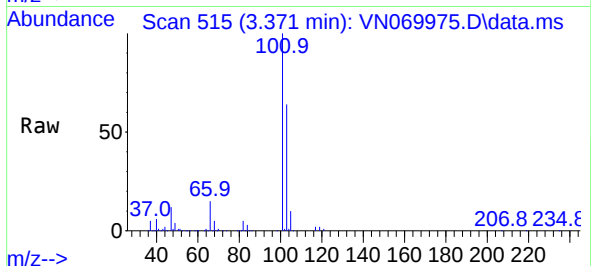
#7
Trichlorofluoromethane
Concen: 41.294 ug/l
RT: 3.371 min Scan# 514
Delta R.T. 0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 735728
Ion Ratio Lower Upper
101 100
103 63.9 50.1 75.1

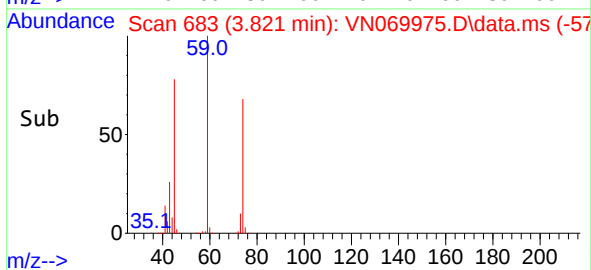
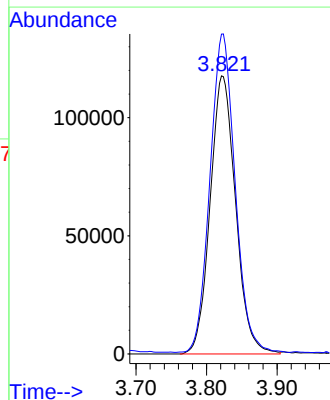
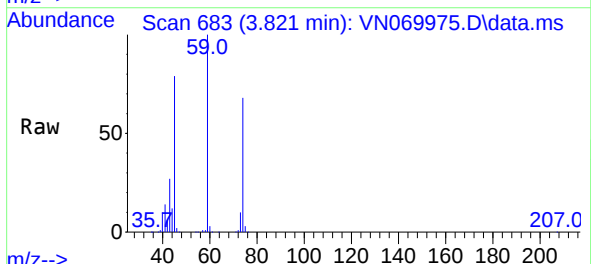
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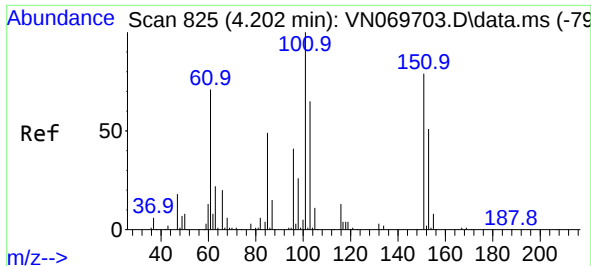
Reviewed By :John Carlone 12/11/2021
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#8
Diethyl Ether
Concen: 43.071 ug/l
RT: 3.821 min Scan# 683
Delta R.T. -0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

Tgt Ion: 74 Resp: 295551
Ion Ratio Lower Upper
74 100
45 112.6 47.0 141.2





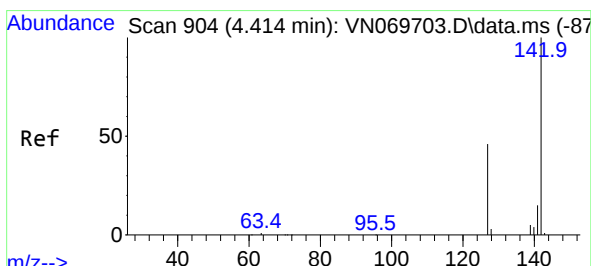
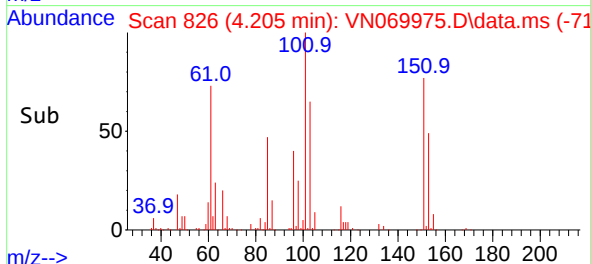
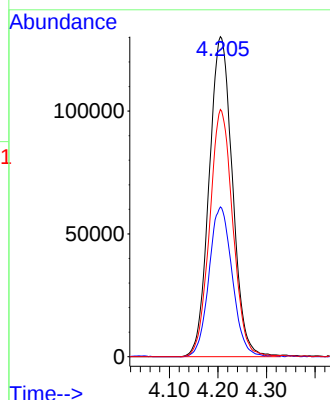
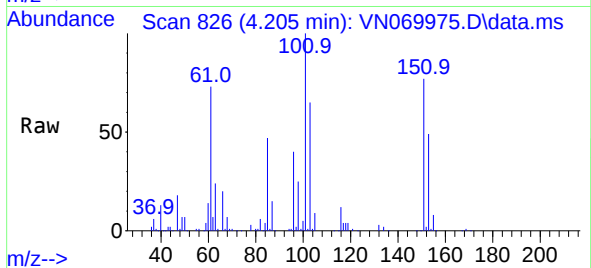
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.573 ug/l
RT: 4.205 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 43517
Ion Ratio Lower Upper
101 100
85 46.6 37.2 55.8
151 76.6 65.9 98.9

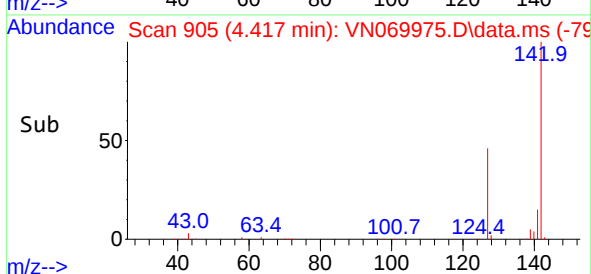
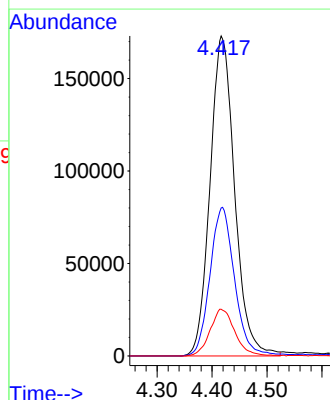
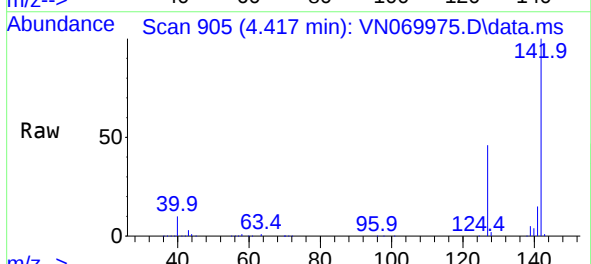
Manual Integrations
APPROVED

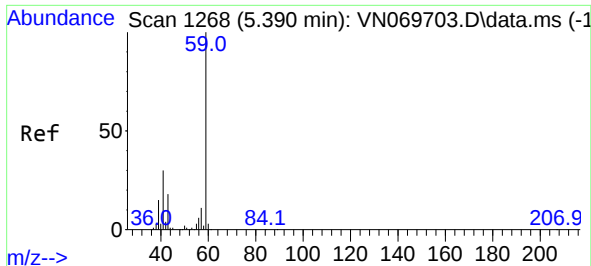
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#10
Methyl Iodide
Concen: 39.474 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

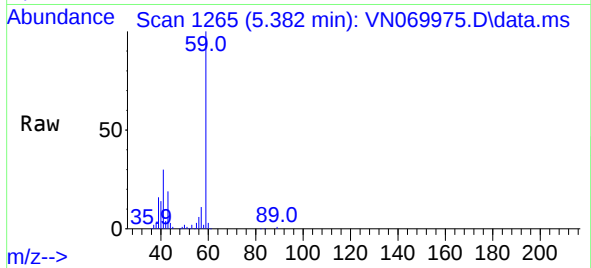
Tgt Ion:142 Resp: 538583
Ion Ratio Lower Upper
142 100
127 46.3 35.4 53.0
141 14.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 200.004 ug/l
RT: 5.382 min Scan# 11
Delta R.T. -0.008 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

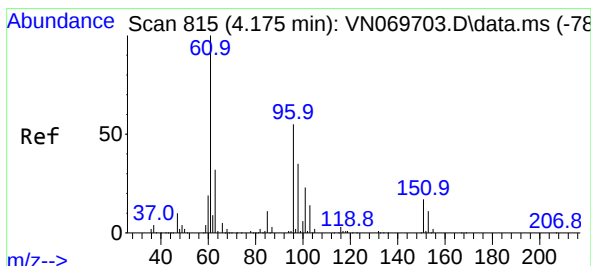
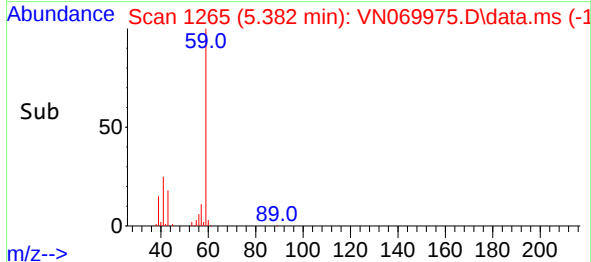
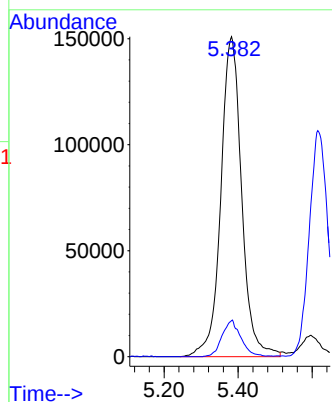
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 589760
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

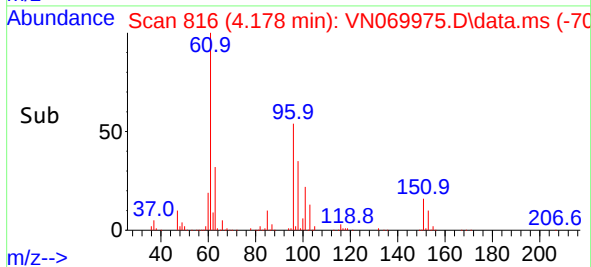
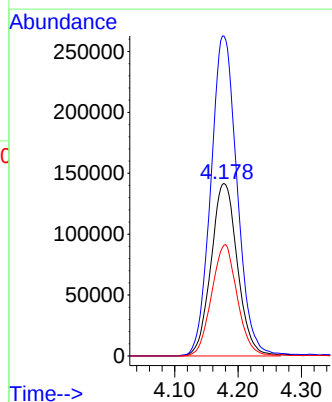
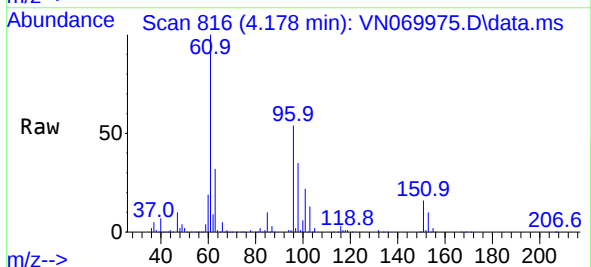
Manual Integrations
APPROVED

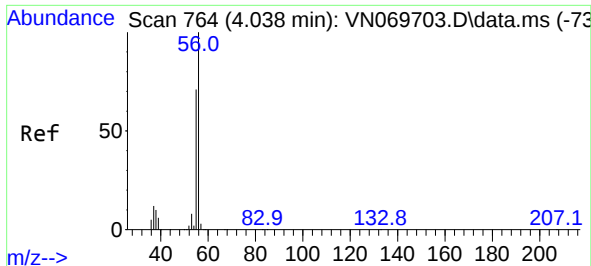
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#12
1,1-Dichloroethene
Concen: 42.656 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

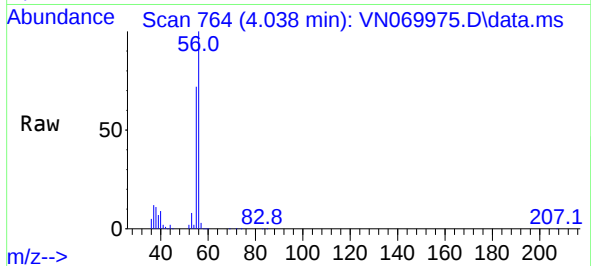
Tgt Ion: 96 Resp: 410521
Ion Ratio Lower Upper
96 100
61 185.2 131.0 196.6
98 64.3 52.4 78.6





#13
Acrolein
Concen: 239.955 ug/l
RT: 4.038 min Scan# 764
Delta R.T. 0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

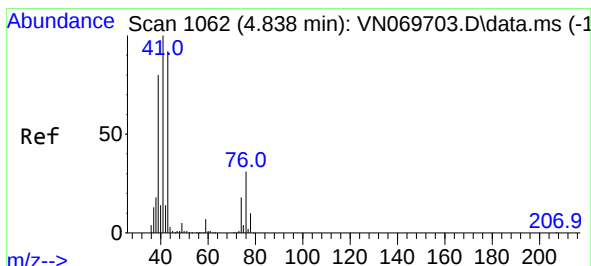
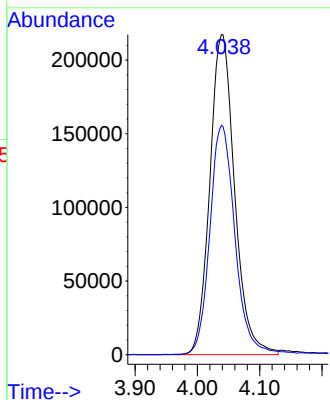
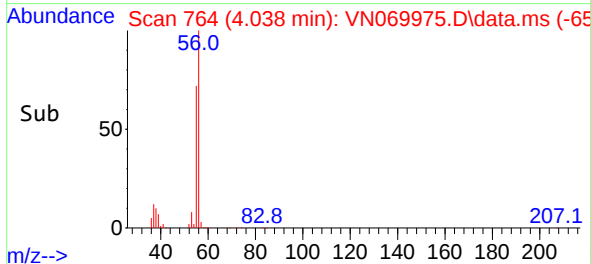
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



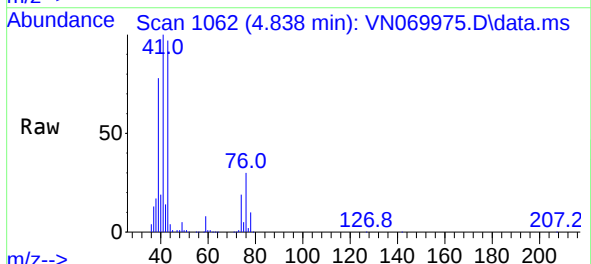
Tgt Ion: 56 Resp: 60256
Ion Ratio Lower Upper
56 100
55 72.4 56.6 85.0

Manual Integrations
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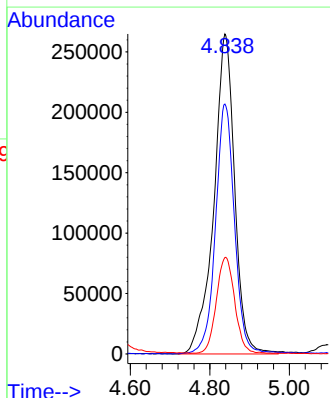
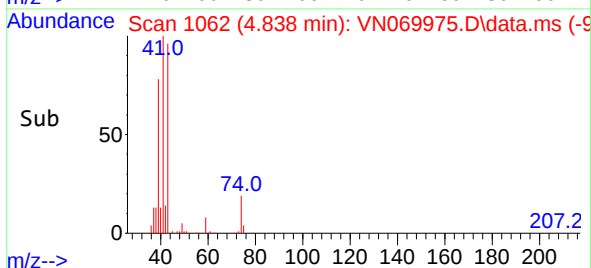
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

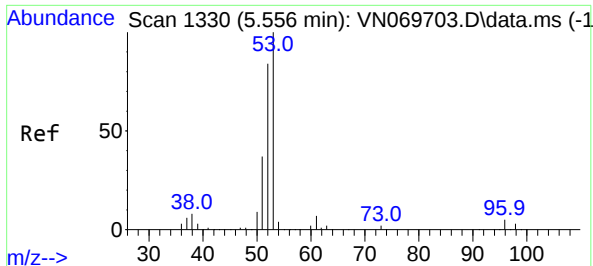


#14
Allyl chloride
Concen: 44.386 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21



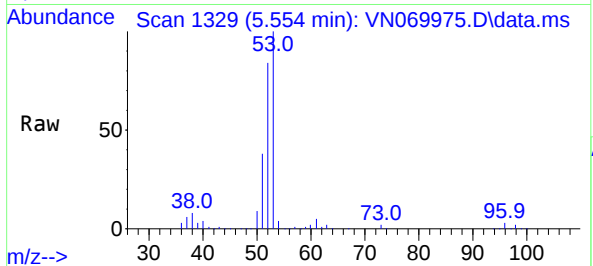
Tgt Ion: 41 Resp: 962575
Ion Ratio Lower Upper
41 100
39 70.8 61.2 91.8
76 26.2 26.0 39.0





#15
Acrylonitrile
Concen: 210.292 ug/l
RT: 5.554 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

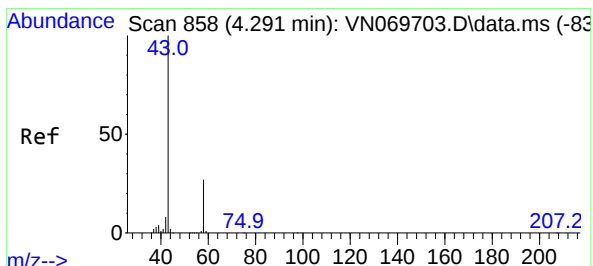
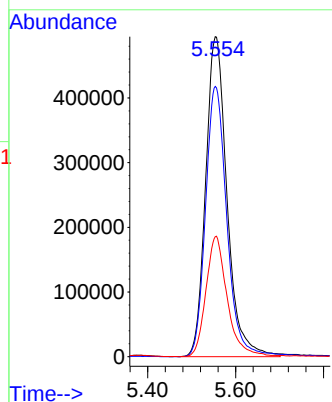
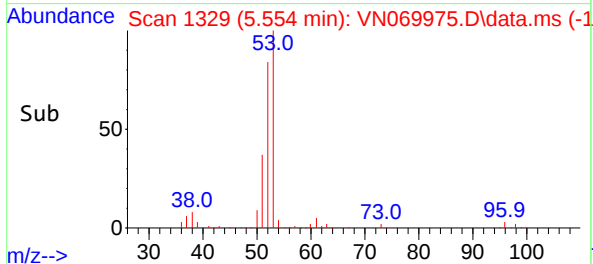
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 167095
Ion Ratio Lower Upper
53 100
52 84.5 66.2 99.2
51 37.5 29.6 44.4

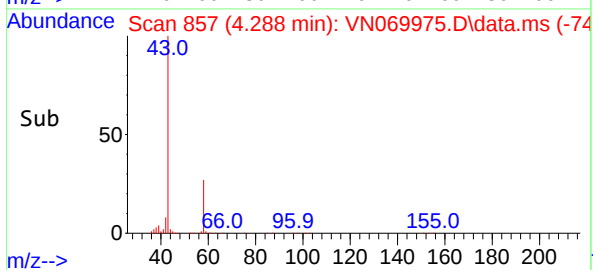
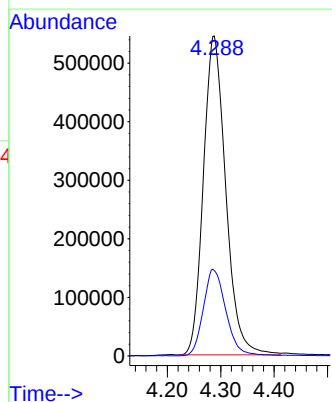
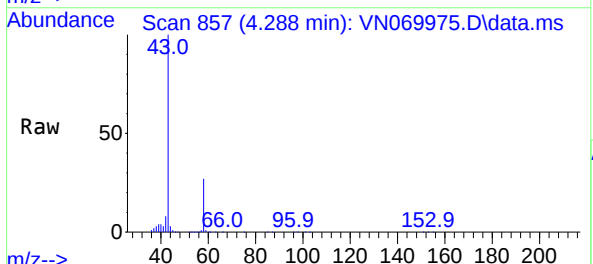
Manual Integrations
APPROVED

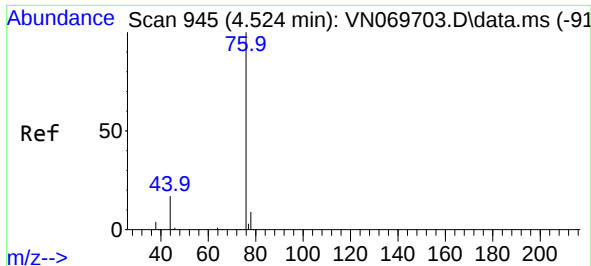
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#16
Acetone
Concen: 168.739 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

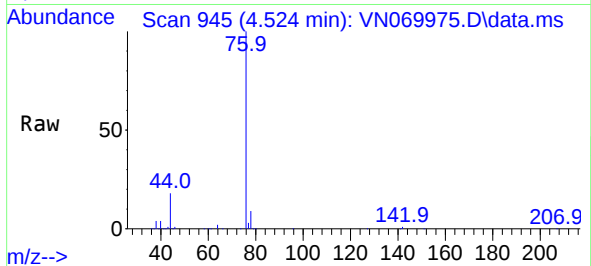
Tgt Ion: 43 Resp: 1583465
Ion Ratio Lower Upper
43 100
58 26.7 23.1 34.7





#17
Carbon Disulfide
Concen: 44.603 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

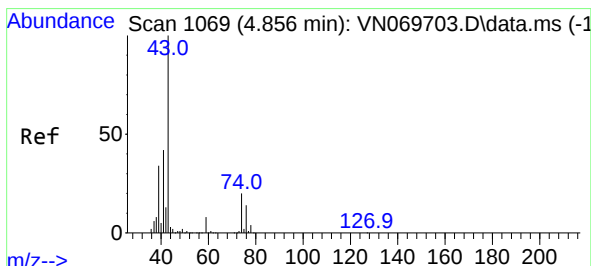
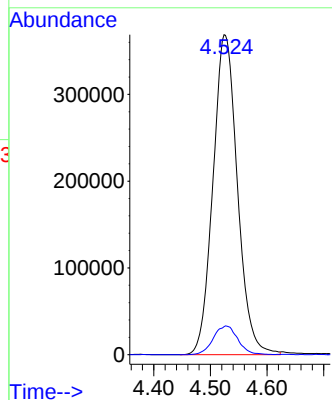
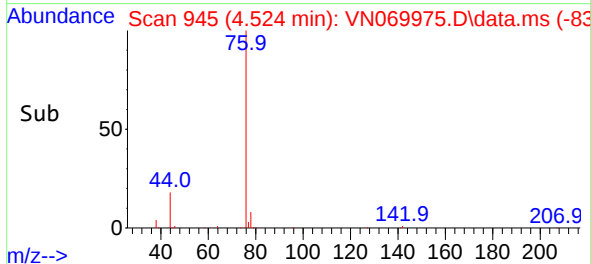
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



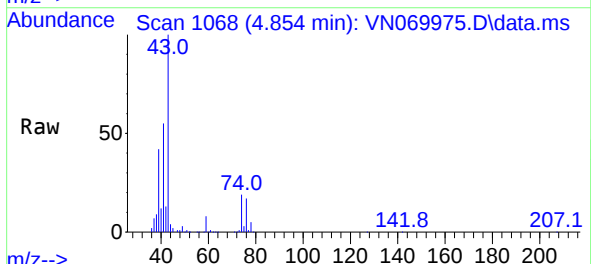
Tgt Ion: 76 Resp: 1109000
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

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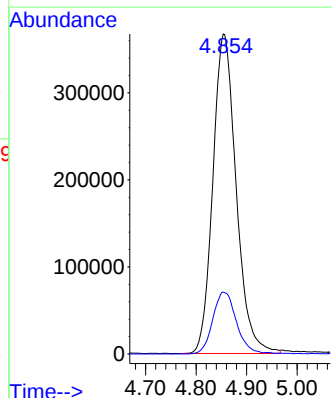
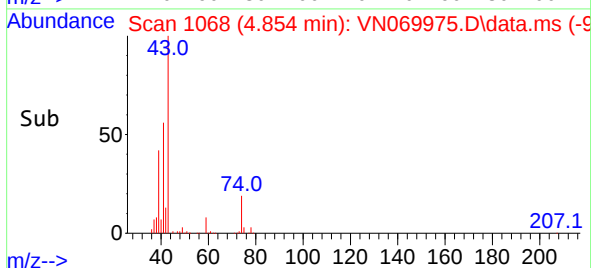
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

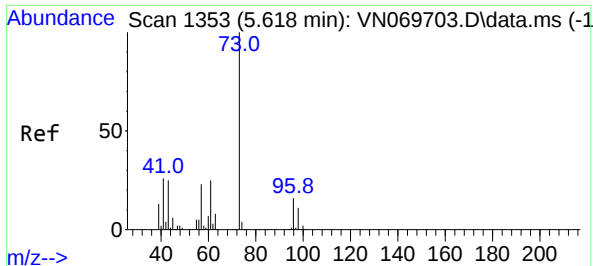


#18
Methyl Acetate
Concen: 41.584 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21



Tgt Ion: 43 Resp: 1177888
Ion Ratio Lower Upper
43 100
74 19.6 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 43.701 ug/l

RT: 5.618 min Scan# 11353

Delta R.T. 0.000 min

Lab File: VN069975.D

Acq: 10 Dec 2021 22:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 163533

Ion Ratio Lower Upper

73 100

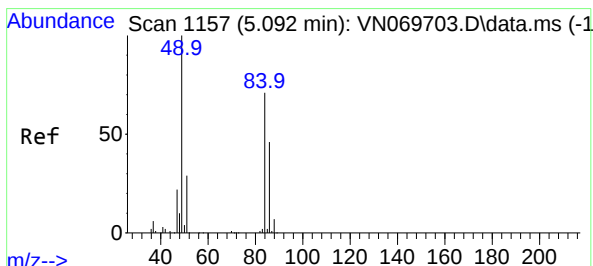
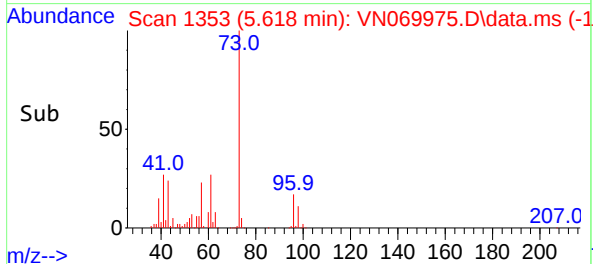
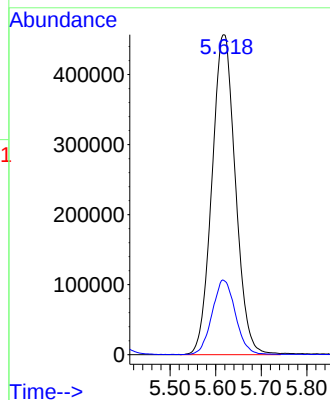
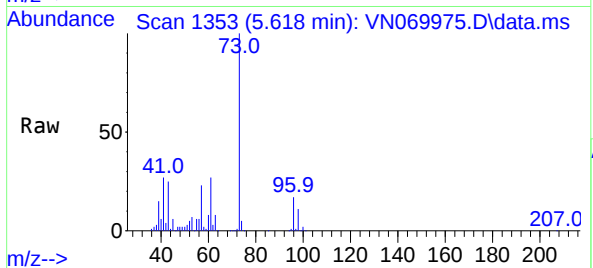
57 23.1 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2021

Supervised By :Amit Patel 12/14/2021



#20

Methylene Chloride

Concen: 40.962 ug/l

RT: 5.092 min Scan# 1157

Delta R.T. 0.000 min

Lab File: VN069975.D

Acq: 10 Dec 2021 22:21

Tgt Ion: 84 Resp: 511008

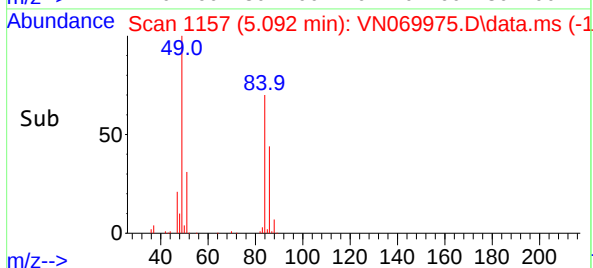
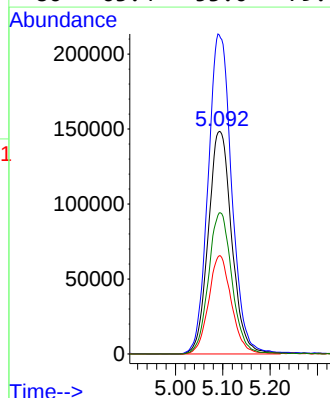
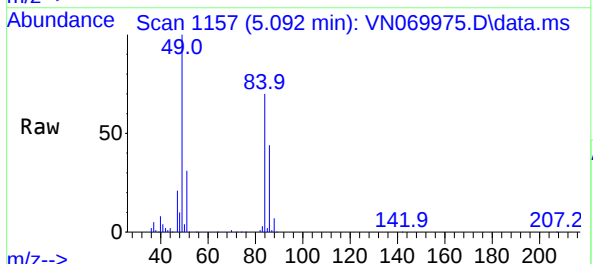
Ion Ratio Lower Upper

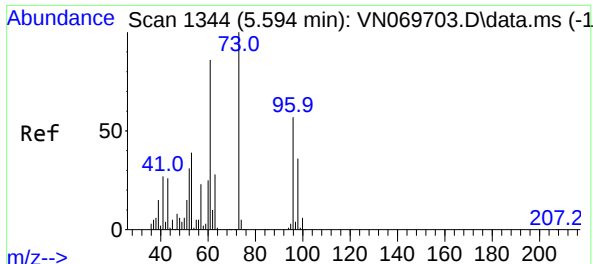
84 100

49 143.2 93.5 140.3#

51 44.2 29.4 44.2#

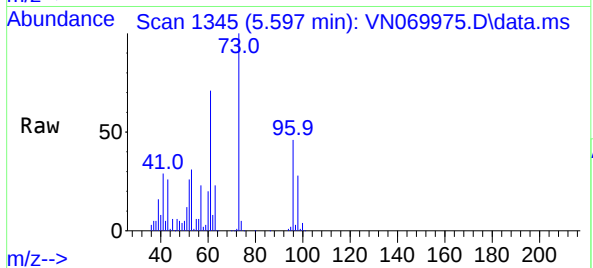
86 63.4 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 42.074 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

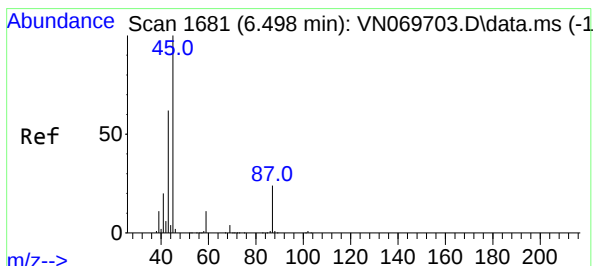
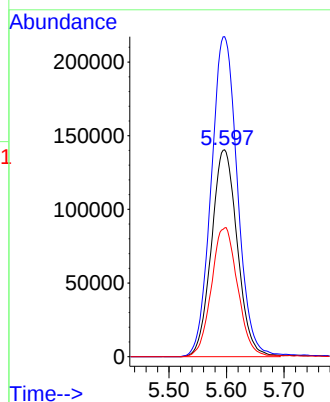
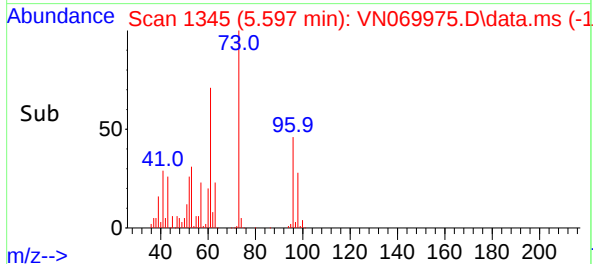
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



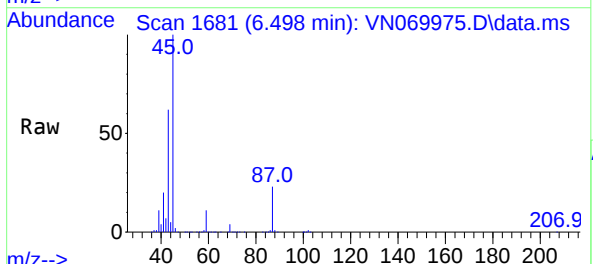
Tgt Ion: 96 Resp: 439814
Ion Ratio Lower Upper
96 100
61 154.6 105.8 158.6
98 62.2 52.0 78.0

Manual Integrations
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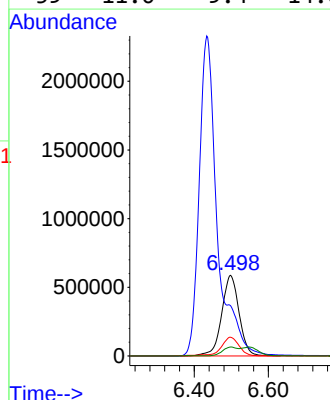
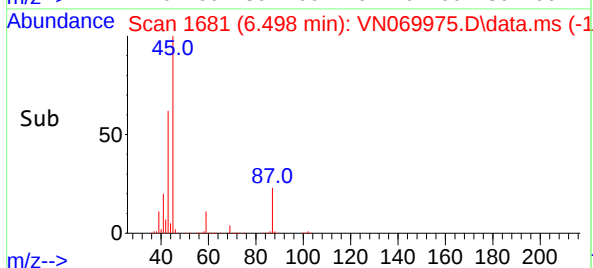
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

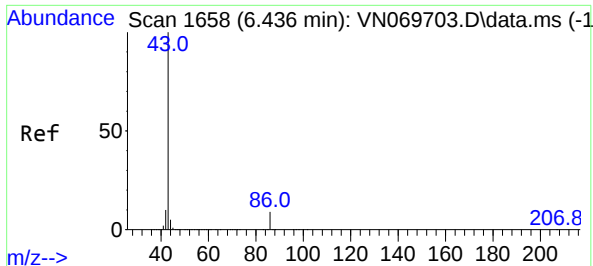


#22
Diisopropyl ether
Concen: 45.419 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21



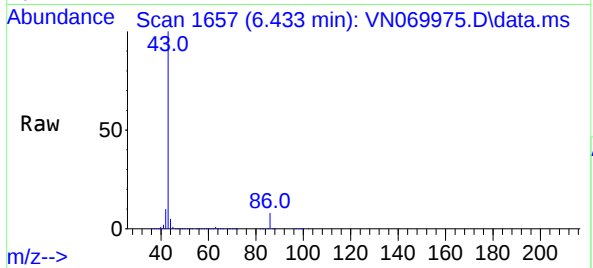
Tgt Ion: 45 Resp: 1925198
Ion Ratio Lower Upper
45 100
43 62.1 51.7 77.5
87 23.1 23.2 34.8#
59 11.0 9.4 14.0





#23
 Vinyl Acetate
 Concen: 204.908 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN069975.D
 Acq: 10 Dec 2021 22:21

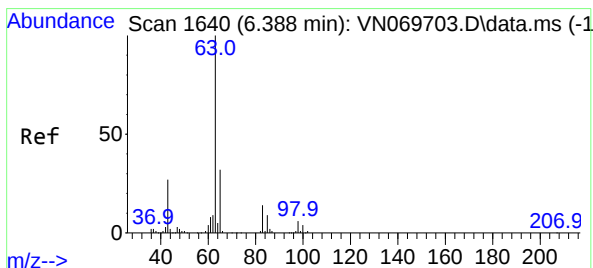
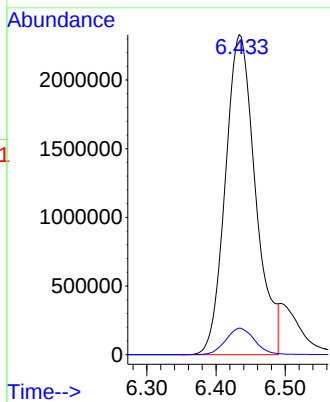
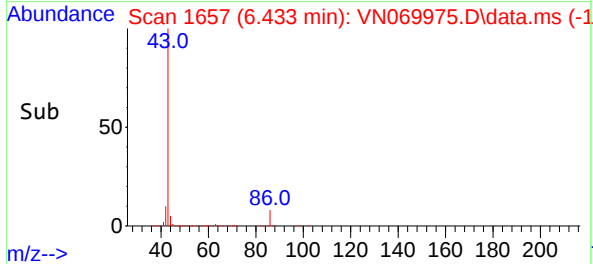
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 7066238
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.5 12.7

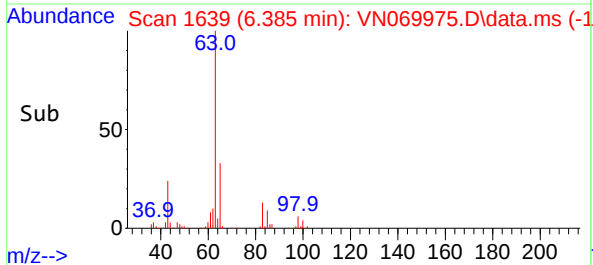
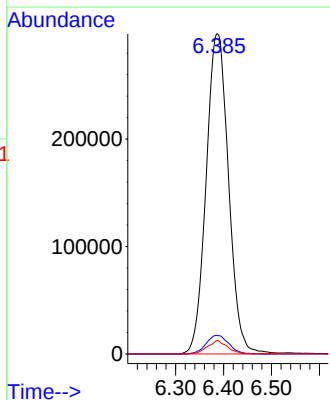
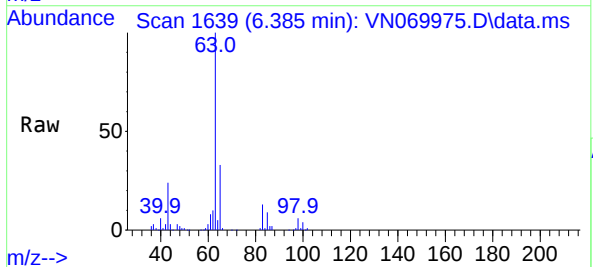
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/11/2021
 Supervised By :Amit Patel 12/14/2021



#24
 1,1-Dichloroethane
 Concen: 44.099 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN069975.D
 Acq: 10 Dec 2021 22:21

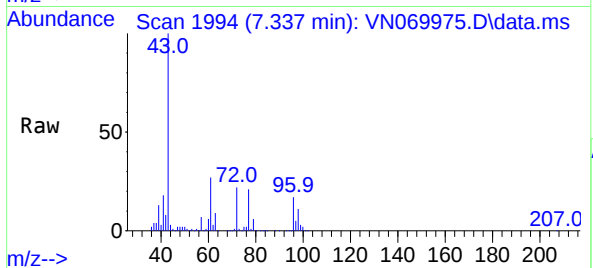
Tgt Ion: 63 Resp: 968290
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.9
 100 4.1 2.1 6.5





#25
2-Butanone
Concen: 193.935 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

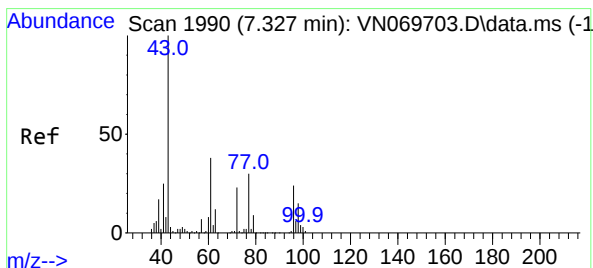
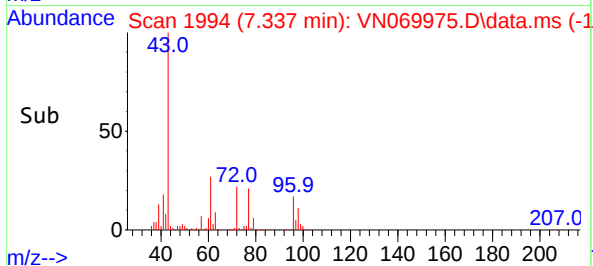
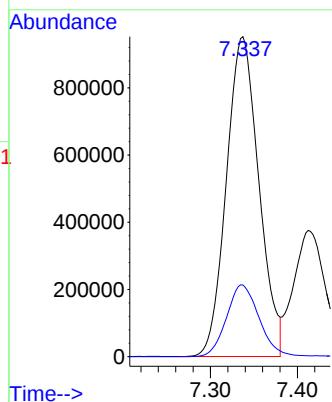
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 2472724
Ion Ratio Lower Upper
43 100
72 22.4 21.7 32.5

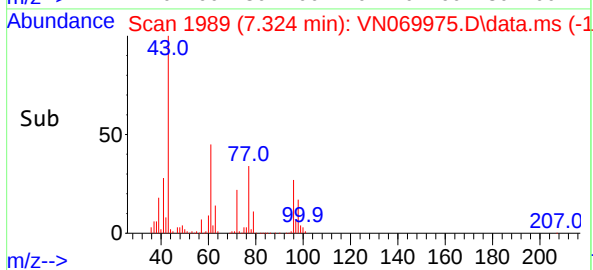
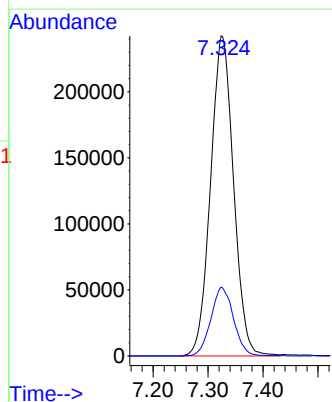
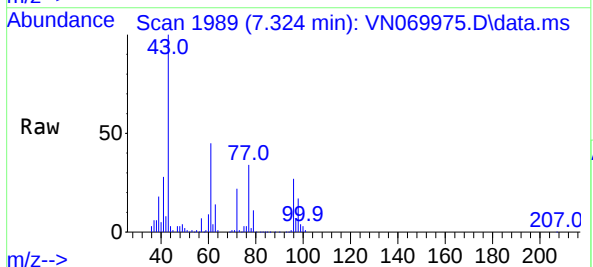
Manual Integrations
APPROVED

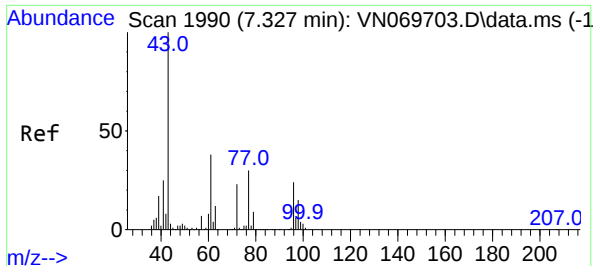
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#26
2,2-Dichloropropane
Concen: 41.240 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

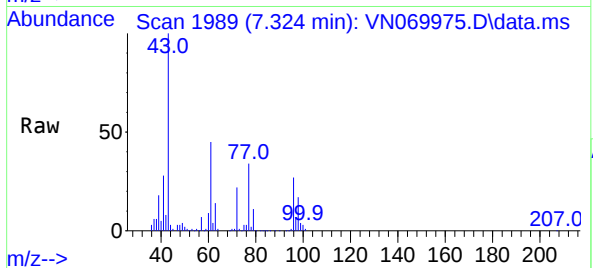
Tgt Ion: 77 Resp: 704058
Ion Ratio Lower Upper
77 100
97 21.2 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 42.485 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

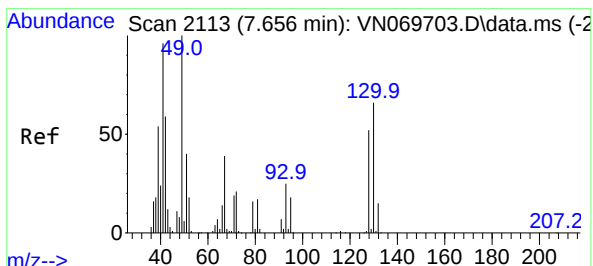
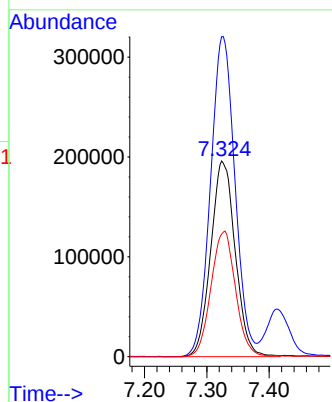
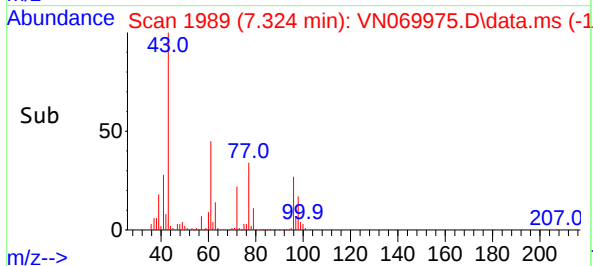
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 536562
Ion Ratio Lower Upper
96 100
61 163.0 0.0 275.0
98 64.1 0.0 129.6

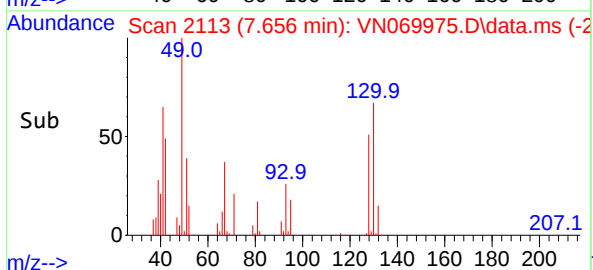
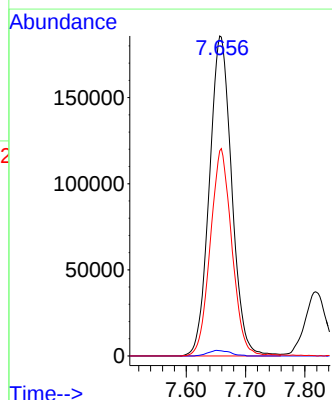
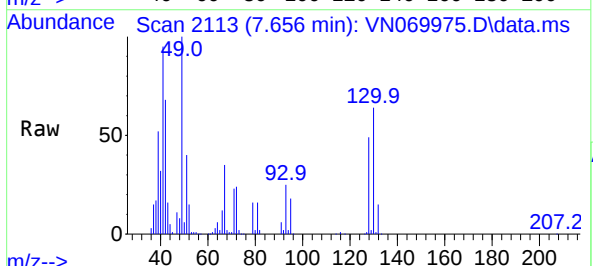
Manual Integrations
APPROVED

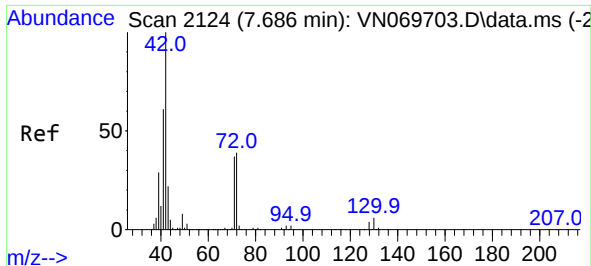
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#28
Bromochloromethane
Concen: 42.514 ug/l
RT: 7.656 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

Tgt Ion: 49 Resp: 485425
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.0
130 62.4 67.8 101.8#





#29

Tetrahydrofuran

Concen: 208.649 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. -0.000 min

Lab File: VN069975.D

Acq: 10 Dec 2021 22:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 161541

Ion Ratio Lower Upper

42 100

72 36.9 36.3 54.5

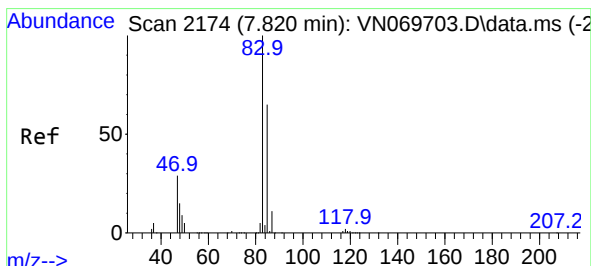
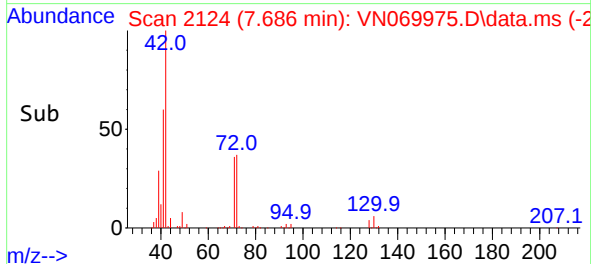
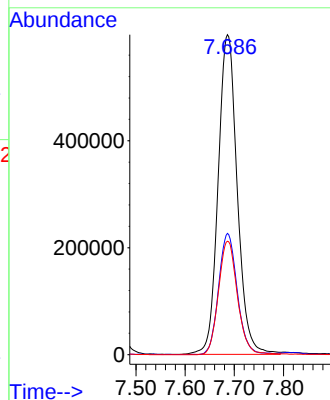
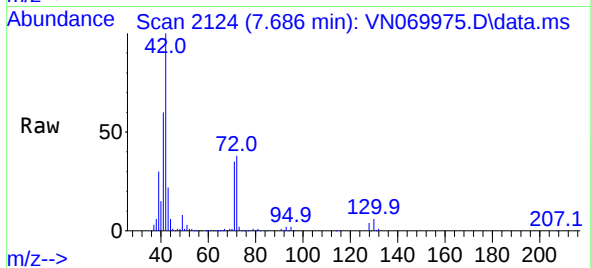
71 35.3 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2021

Supervised By :Amit Patel 12/14/2021



#30

Chloroform

Concen: 43.934 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069975.D

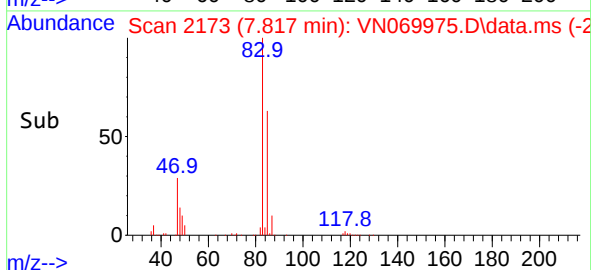
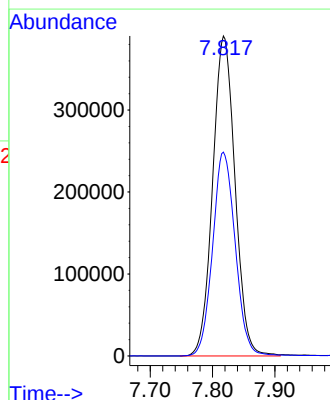
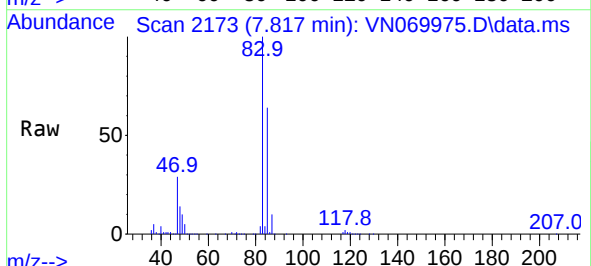
Acq: 10 Dec 2021 22:21

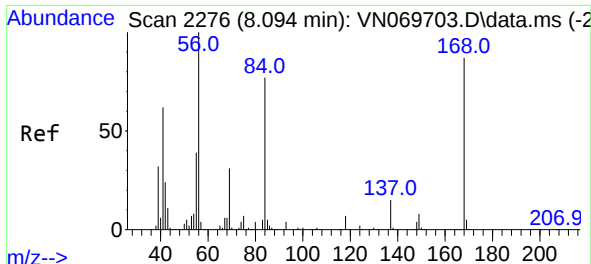
Tgt Ion: 83 Resp: 974255

Ion Ratio Lower Upper

83 100

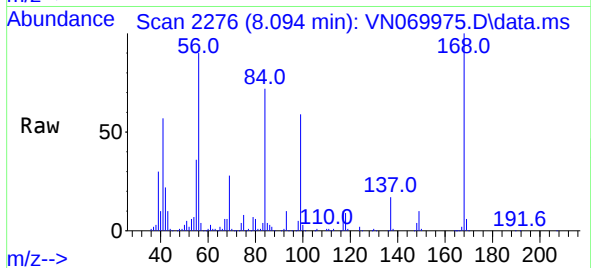
85 63.7 51.9 77.9





#31
Cyclohexane
Concen: 41.381 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

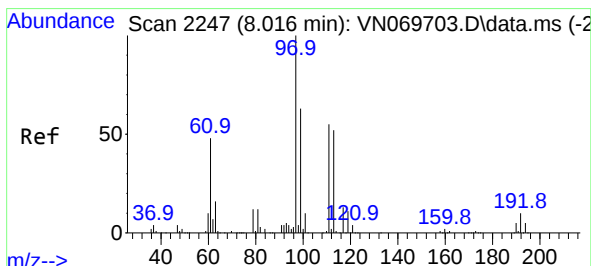
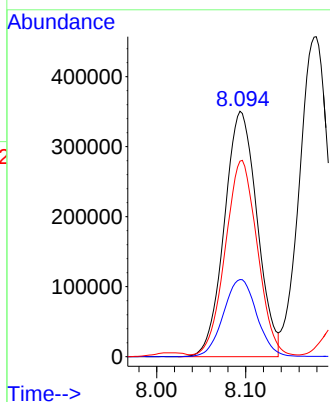
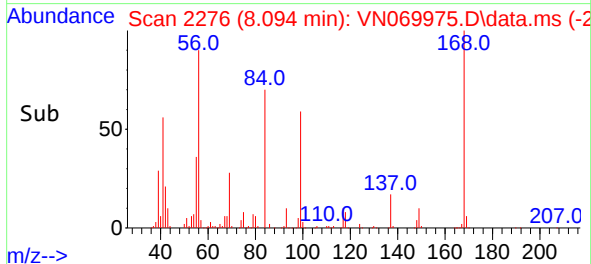
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



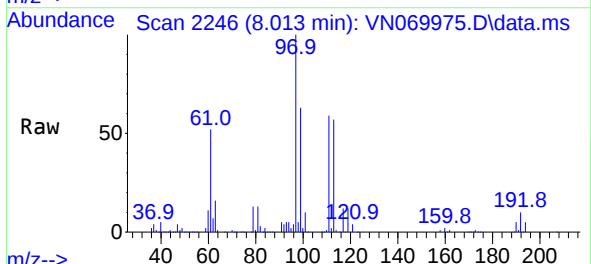
Tgt Ion: 56 Resp: 898378
Ion Ratio Lower Upper
56 100
69 31.4 27.1 40.7
84 78.2 73.4 110.0

Manual Integrations
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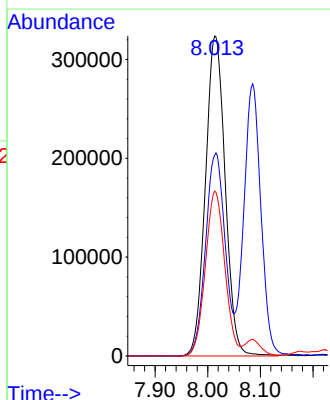
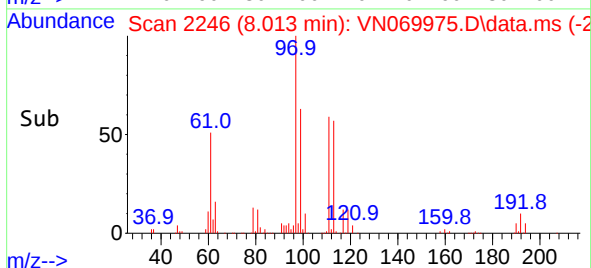
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

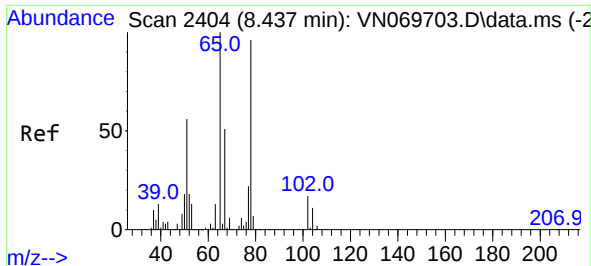


#32
1,1,1-Trichloroethane
Concen: 44.700 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21



Tgt Ion: 97 Resp: 844354
Ion Ratio Lower Upper
97 100
99 62.8 50.1 75.1
61 50.8 35.2 52.8





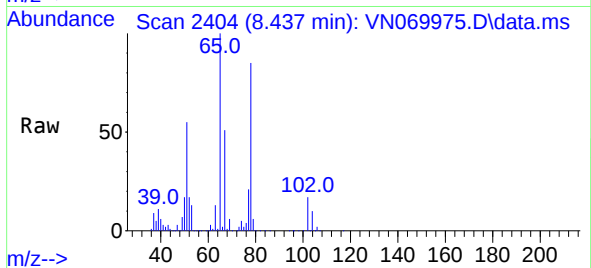
#33
1,2-Dichloroethane-d4
Concen: 47.702 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

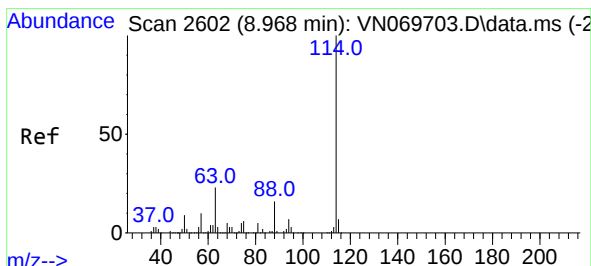
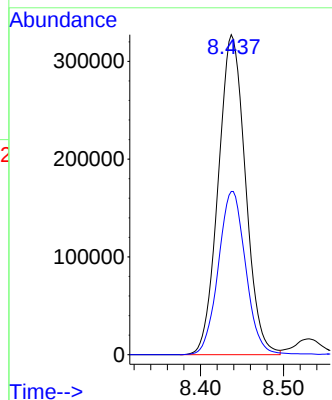
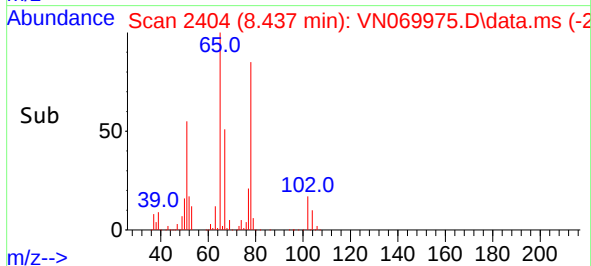


Tgt Ion: 65 Resp: 744150
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.0

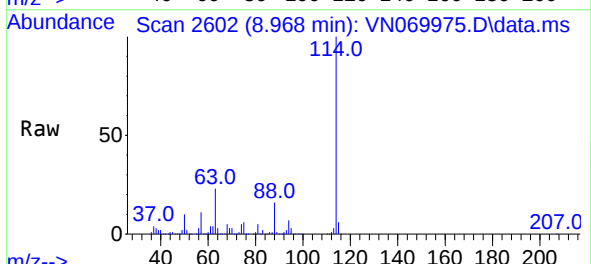
Manual Integrations

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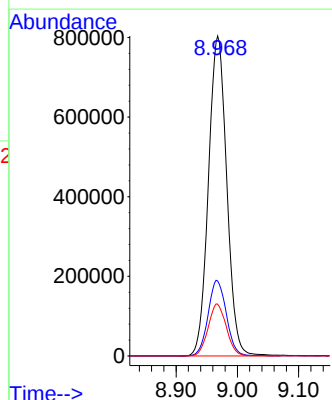
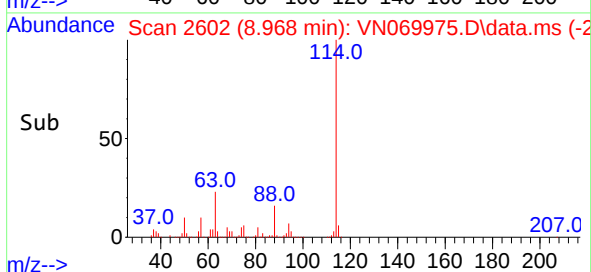
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

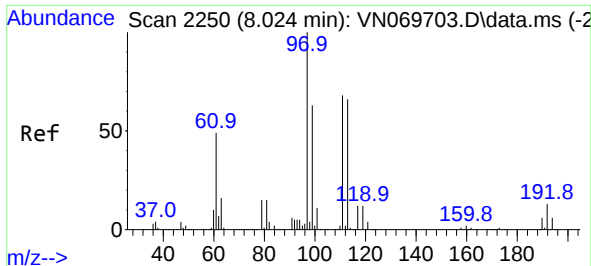


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21



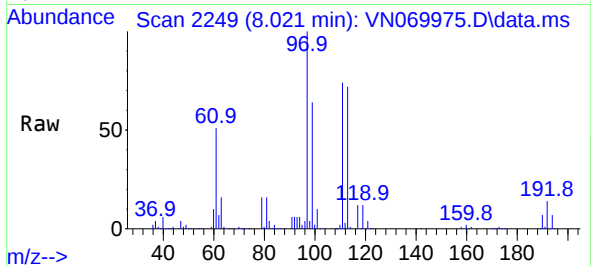
Tgt Ion:114 Resp: 1668979
Ion Ratio Lower Upper
114 100
63 23.4 0.0 37.8
88 16.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.108 ug/l
RT: 8.021 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

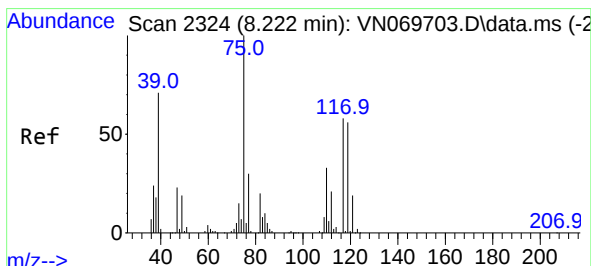
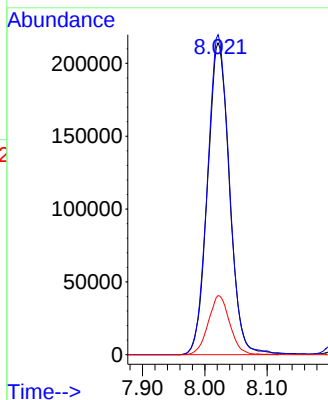
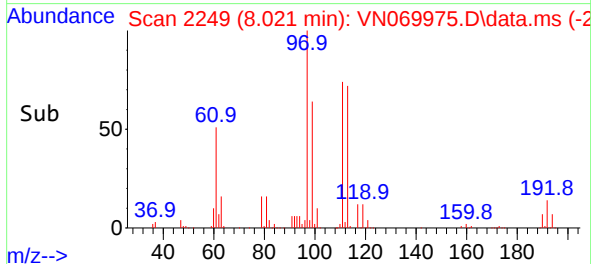
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



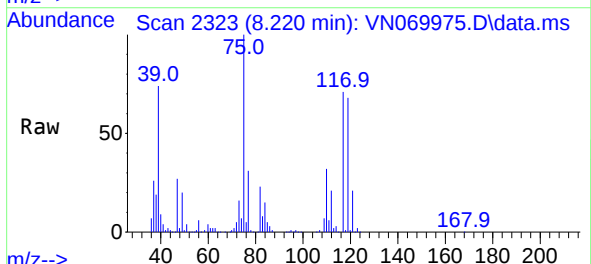
Tgt Ion:113 Resp: 523839
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 18.5 16.9 25.3

Manual Integrations
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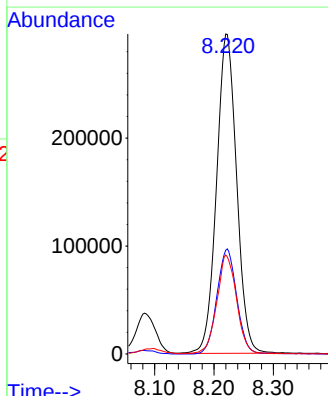
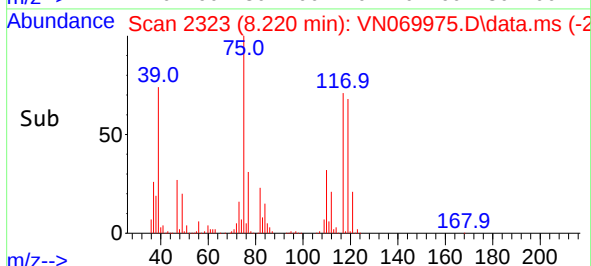
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

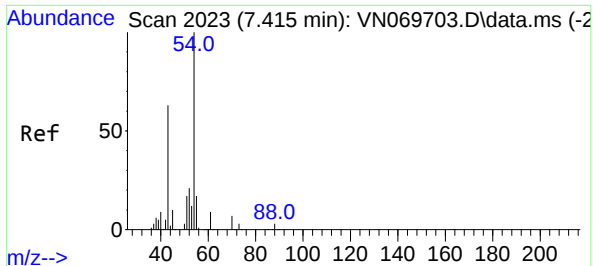


#36
1,1-Dichloropropene
Concen: 43.789 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21



Tgt Ion: 75 Resp: 695734
Ion Ratio Lower Upper
75 100
110 32.4 18.4 55.2
77 30.3 24.4 36.6





#37
Ethyl Acetate
Concen: 40.505 ug/l
RT: 7.412 min Scan# 2023
Delta R.T. -0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

Instrument :

MSVOA_N

ClientSampleId :

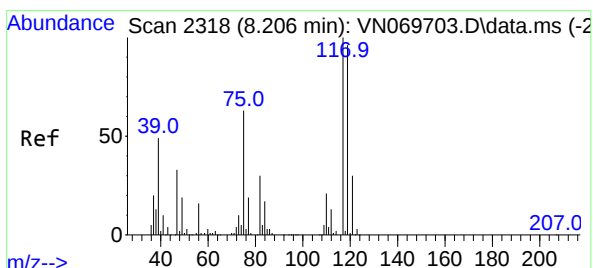
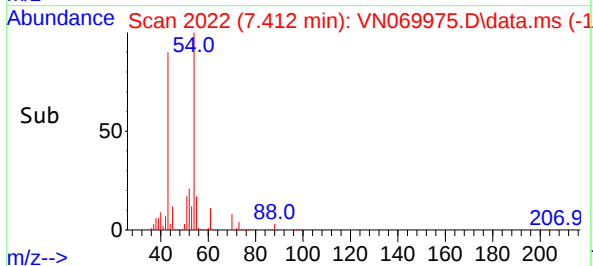
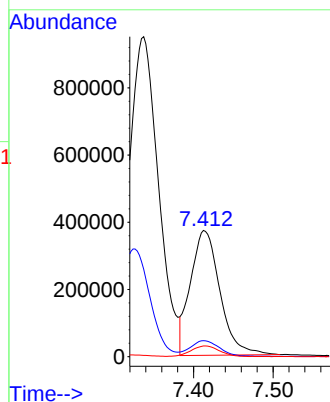
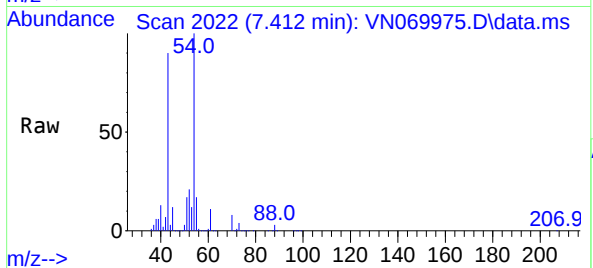
VSTDCCC050EC

Tgt Ion: 43 Resp: 95783
Ion Ratio Lower Upper
43 100
61 12.6 11.5 17.3
70 8.3 7.9 11.9

Manual Integrations

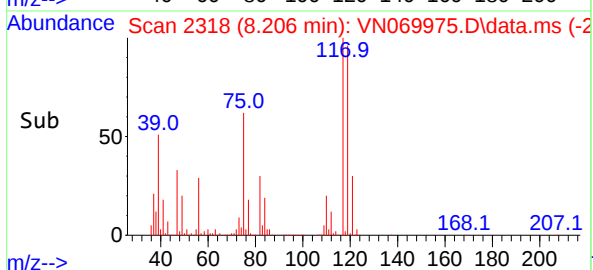
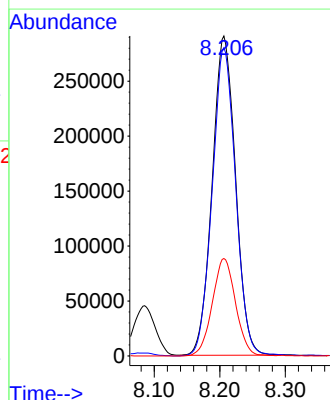
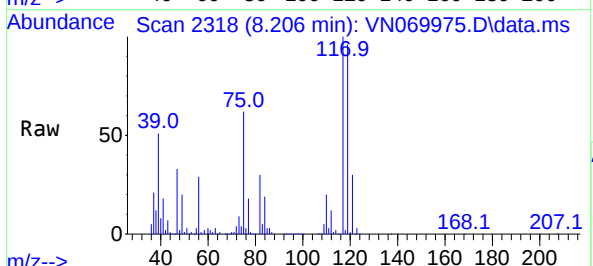
APPROVED

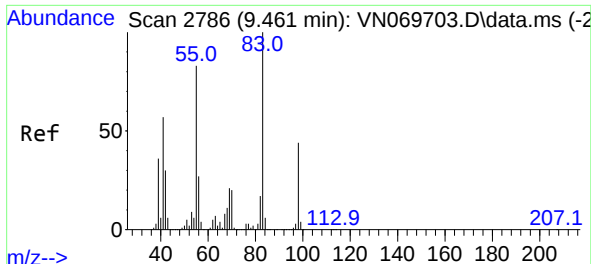
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#38
Carbon Tetrachloride
Concen: 46.053 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

Tgt Ion:117 Resp: 717518
Ion Ratio Lower Upper
117 100
119 96.5 76.1 114.1
121 30.5 24.2 36.2





#39

Methylcyclohexane

Concen: 42.640 ug/l

RT: 9.461 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN069975.D

Acq: 10 Dec 2021 22:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 80583

Ion Ratio Lower Upper

83 100

55 85.6 58.1 87.1

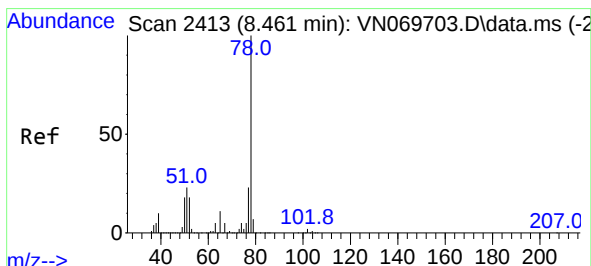
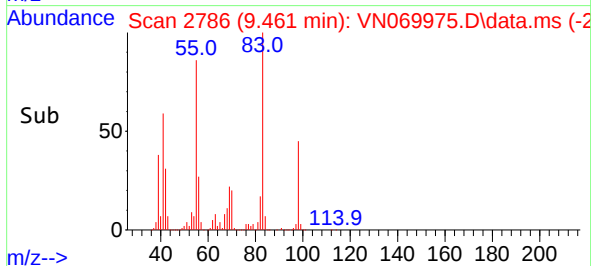
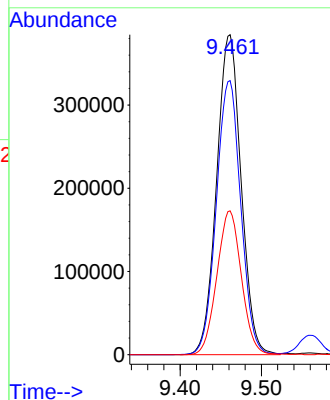
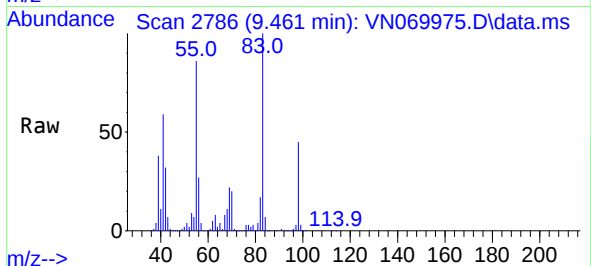
98 44.9 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2021

Supervised By :Amit Patel 12/14/2021



#40

Benzene

Concen: 43.176 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.000 min

Lab File: VN069975.D

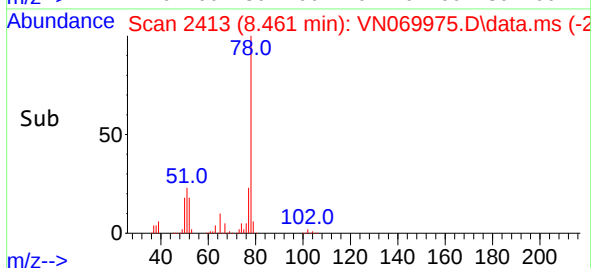
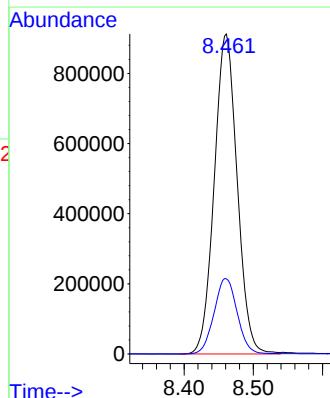
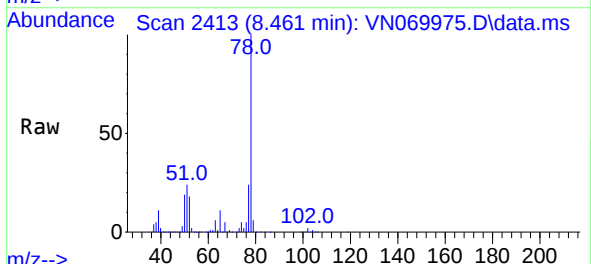
Acq: 10 Dec 2021 22:21

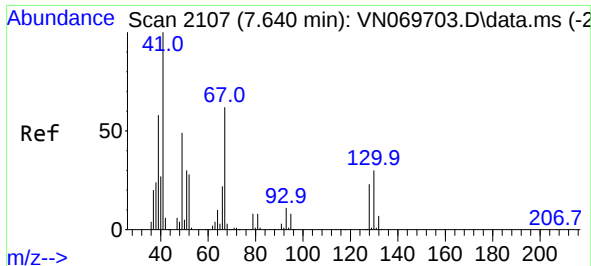
Tgt Ion: 78 Resp: 2096799

Ion Ratio Lower Upper

78 100

77 23.5 18.6 27.8





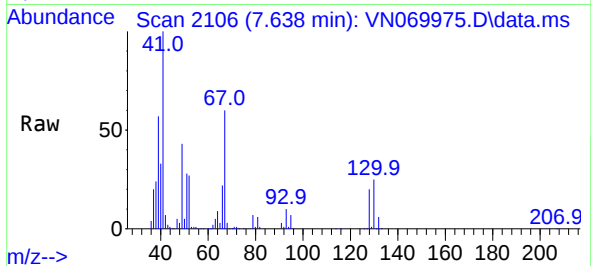
#41
Methacrylonitrile
Concen: 46.870 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

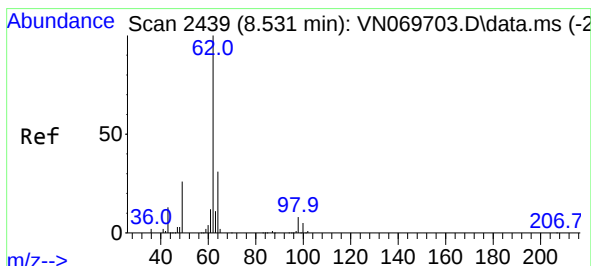
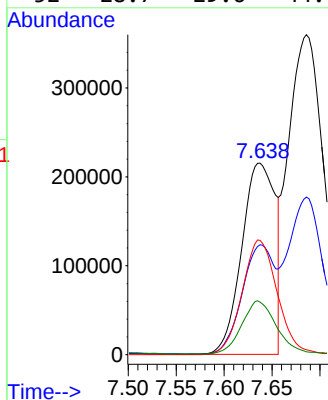
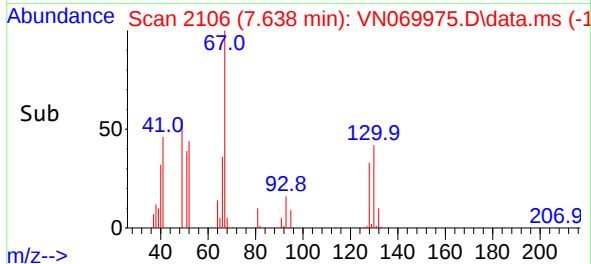


Tgt Ion: 41 Resp: 520294
Ion Ratio Lower Upper
41 100
39 56.2 48.1 72.1
67 63.9 68.3 102.5
52 28.7 29.6 44.4#

Manual Integrations

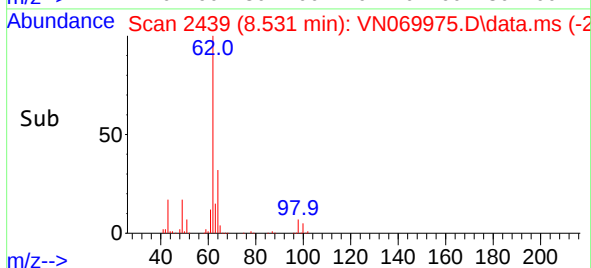
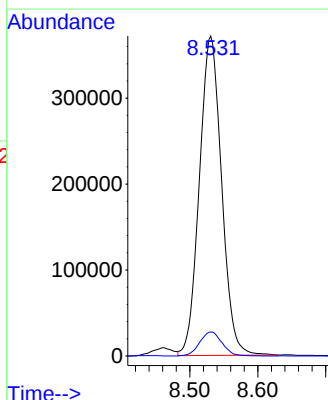
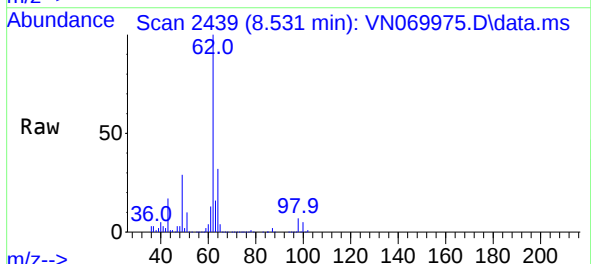
APPROVED

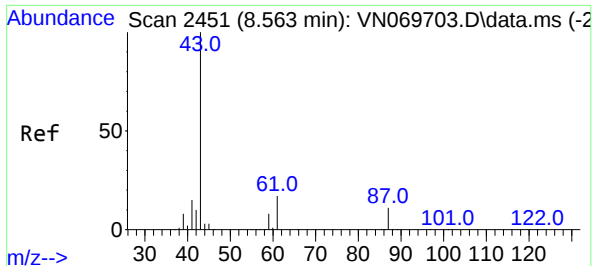
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#42
1,2-Dichloroethane
Concen: 43.074 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

Tgt Ion: 62 Resp: 844429
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





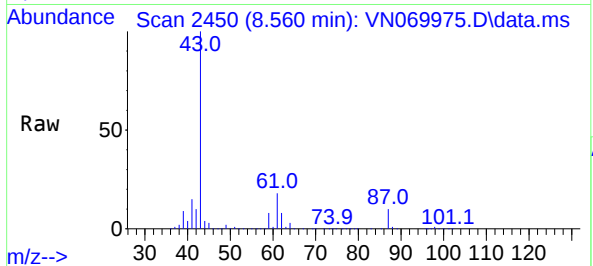
#43
Isopropyl Acetate
Concen: 43.894 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

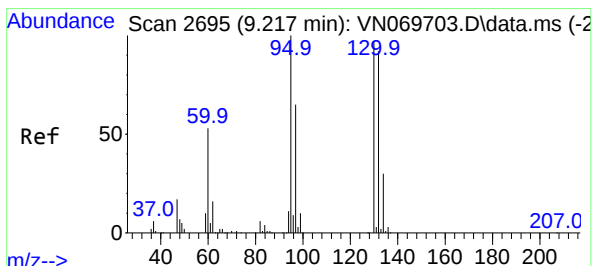
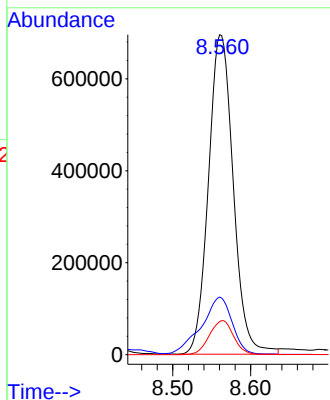
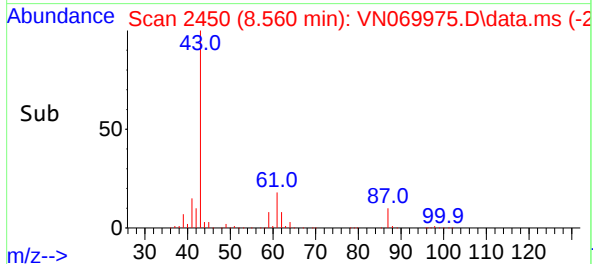


Tgt Ion: 43 Resp: 153606
Ion Ratio Lower Upper
43 100
61 22.0 20.4 30.6
87 10.5 11.2 16.8

Manual Integrations

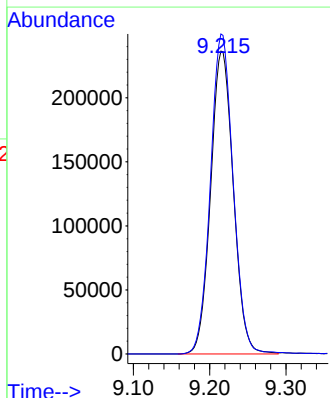
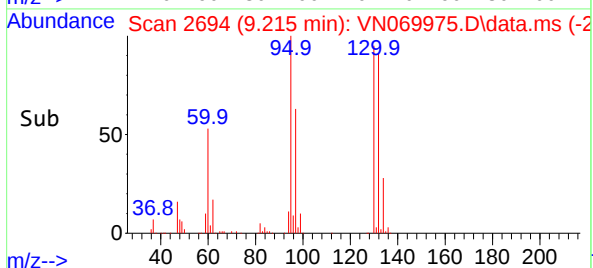
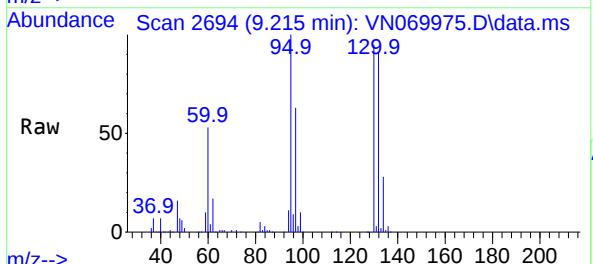
APPROVED

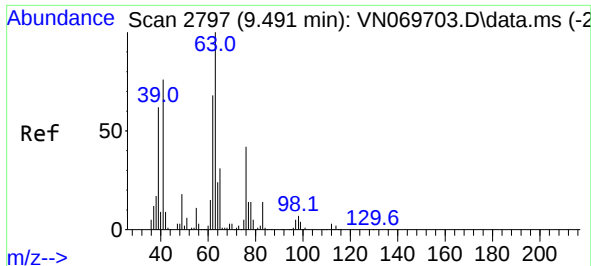
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#44
Trichloroethene
Concen: 42.162 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

Tgt Ion:130 Resp: 488706
Ion Ratio Lower Upper
130 100
95 105.7 0.0 191.2





#45
1,2-Dichloropropane
Concen: 44.550 ug/l
RT: 9.491 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

Instrument :

MSVOA_N

ClientSampleId :

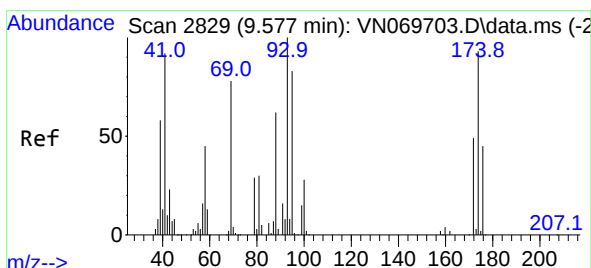
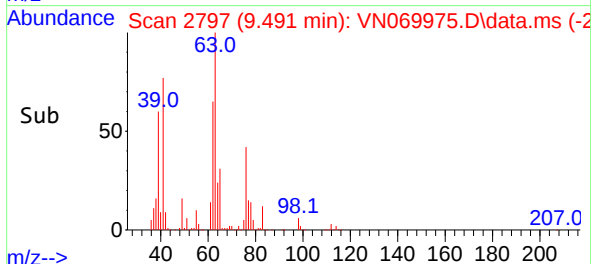
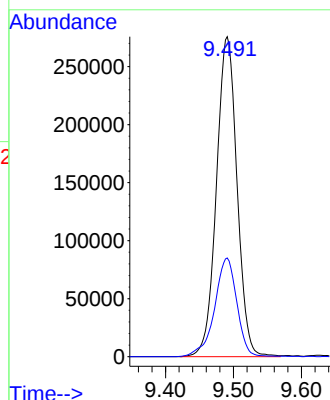
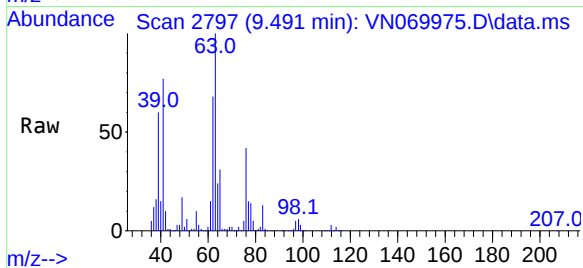
VSTDCCC050EC

Tgt Ion: 63 Resp: 58098
Ion Ratio Lower Upper
63 100
65 30.7 24.7 37.1

Manual Integrations

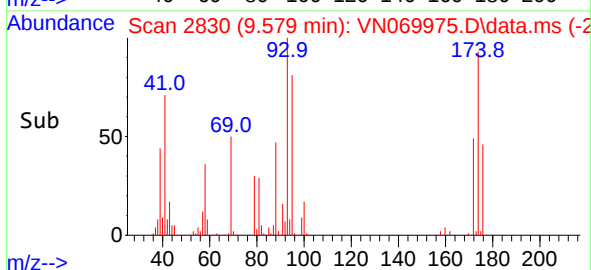
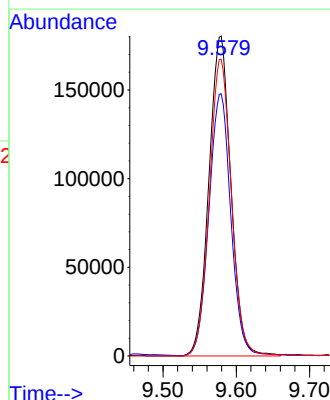
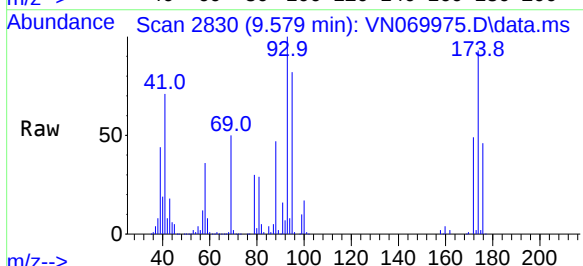
APPROVED

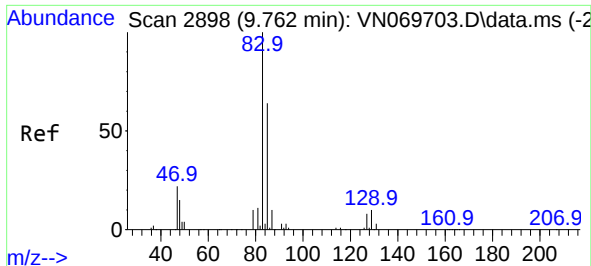
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#46
Dibromomethane
Concen: 43.925 ug/l
RT: 9.579 min Scan# 2830
Delta R.T. 0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

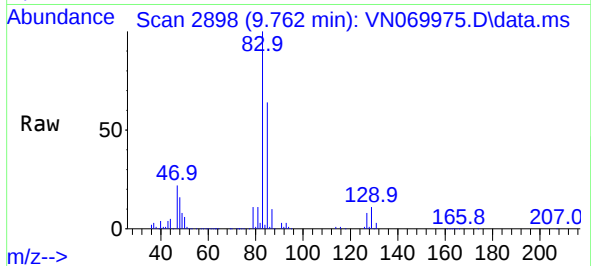
Tgt Ion: 93 Resp: 375686
Ion Ratio Lower Upper
93 100
95 81.8 65.9 98.9
174 93.2 84.6 127.0





#47
Bromodichloromethane
Concen: 48.688 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

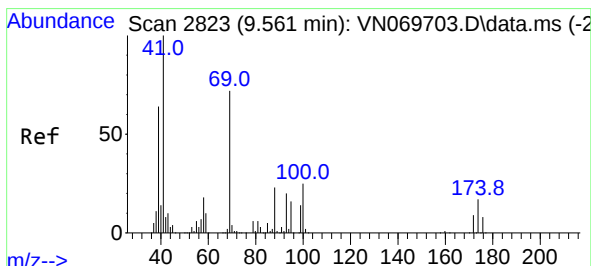
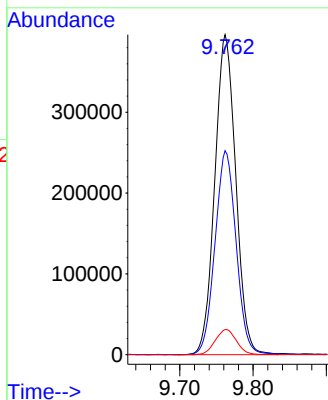
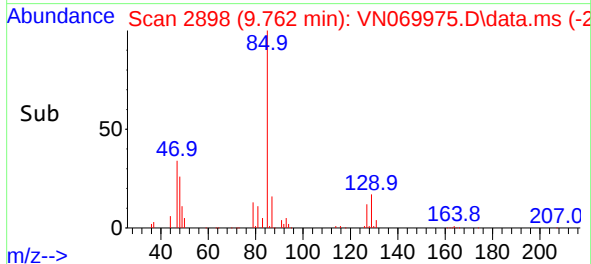
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



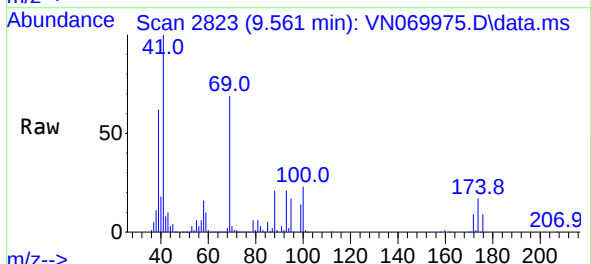
Tgt Ion: 83 Resp: 78843
Ion Ratio Lower Upper
83 100
85 63.8 50.9 76.3
127 7.9 7.1 10.7

Manual Integrations
APPROVED

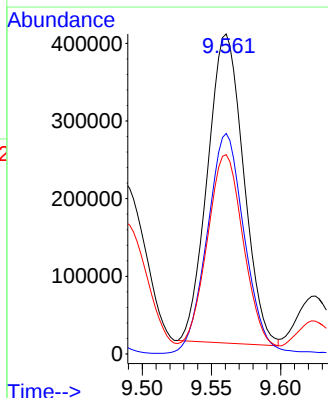
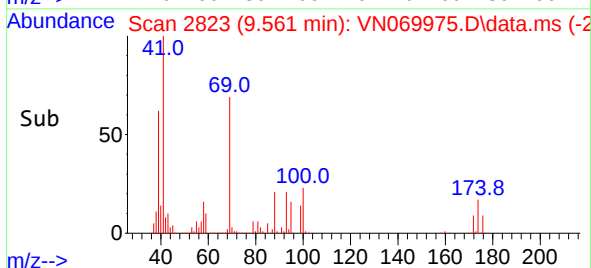
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

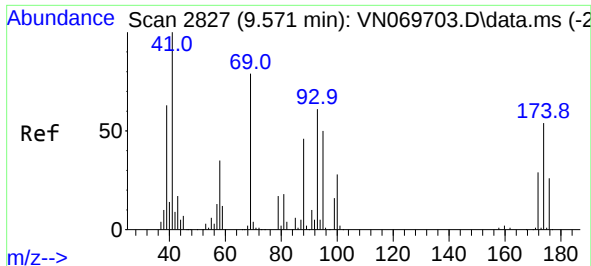


#48
Methyl methacrylate
Concen: 44.022 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21



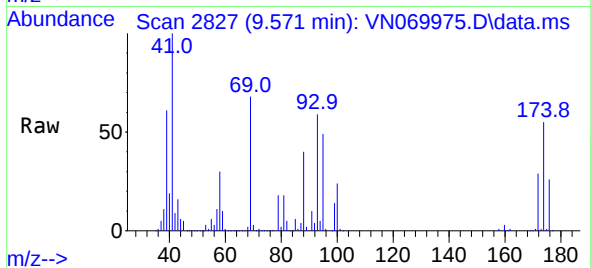
Tgt Ion: 41 Resp: 718928
Ion Ratio Lower Upper
41 100
69 74.5 72.4 108.6
39 66.8 58.4 87.6





#49
1,4-Dioxane
Concen: 784.641 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

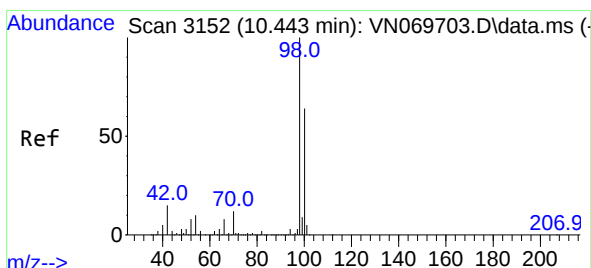
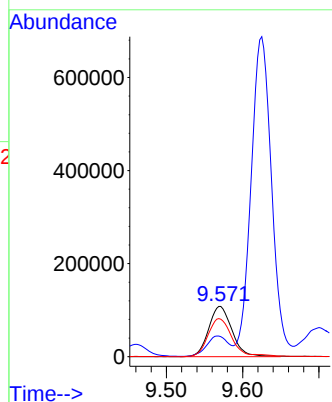
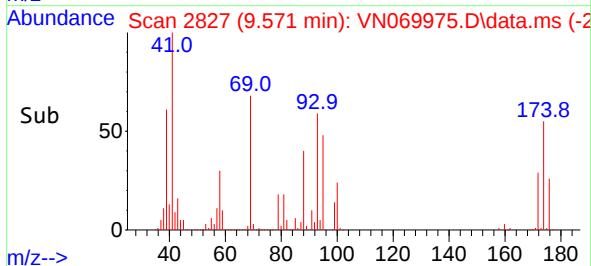
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 229923
Ion Ratio Lower Upper
88 100
43 37.6 23.4 35.2
58 75.4 50.6 75.8

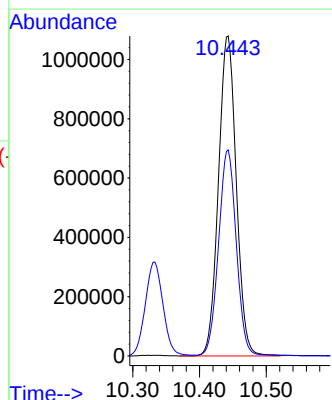
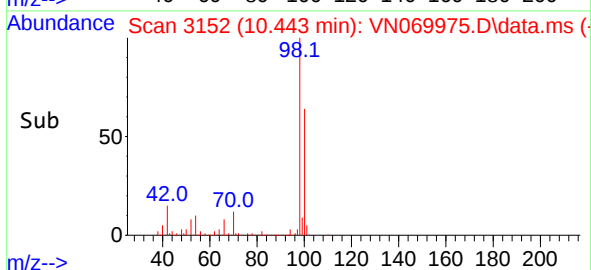
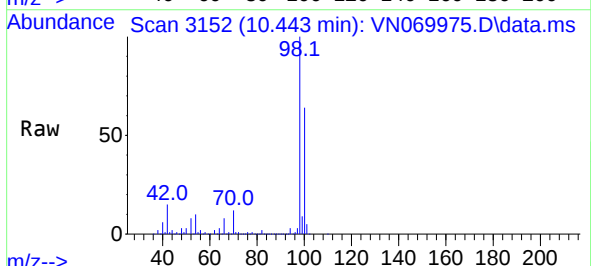
Manual Integrations
APPROVED

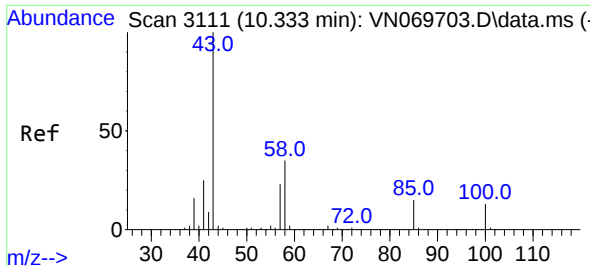
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#50
Toluene-d8
Concen: 47.748 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

Tgt Ion: 98 Resp: 2004304
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6





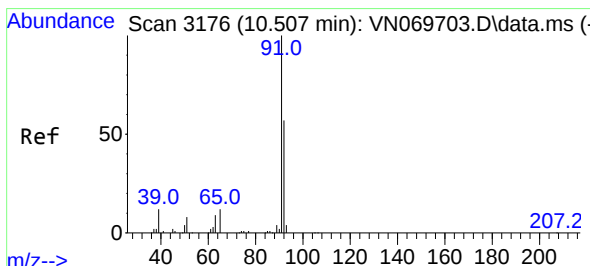
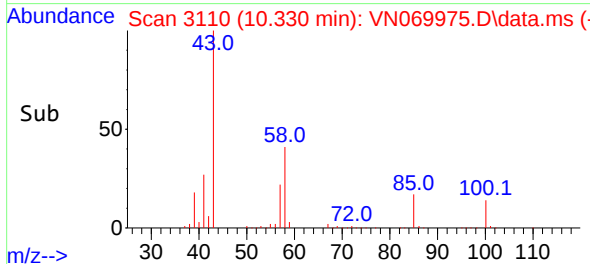
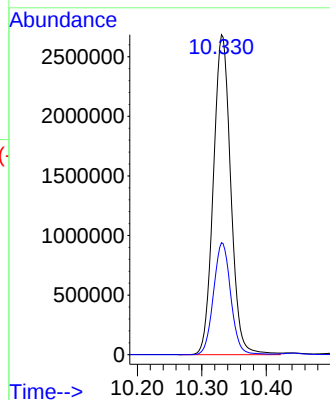
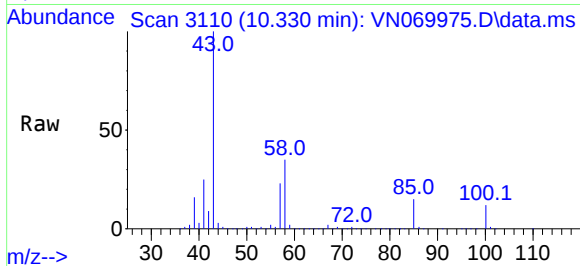
#51
4-Methyl-2-Pentanone
Concen: 221.769 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 5034570
Ion Ratio Lower Upper
43 100
58 34.7 30.4 45.6

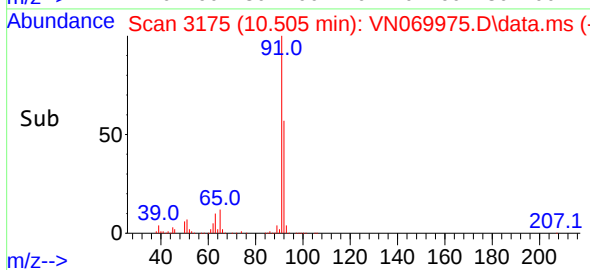
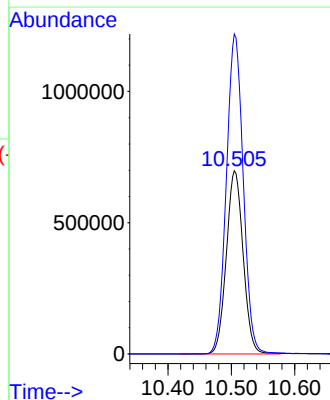
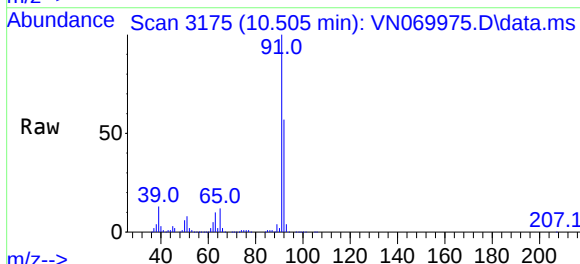
Manual Integrations
APPROVED

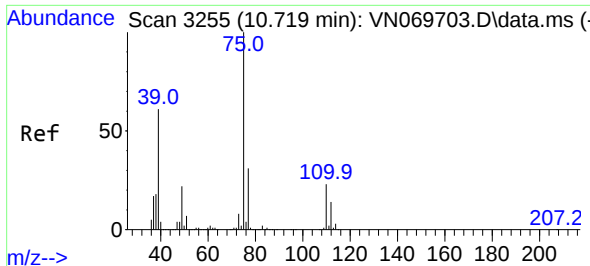
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#52
Toluene
Concen: 43.311 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

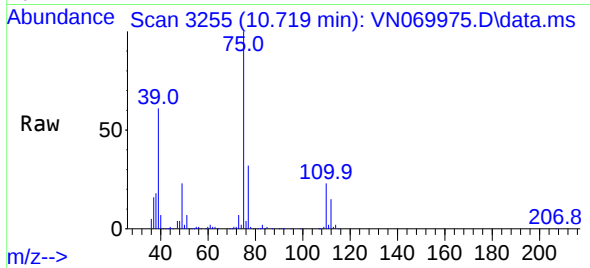
Tgt Ion: 92 Resp: 1284138
Ion Ratio Lower Upper
92 100
91 175.7 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 42.040 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

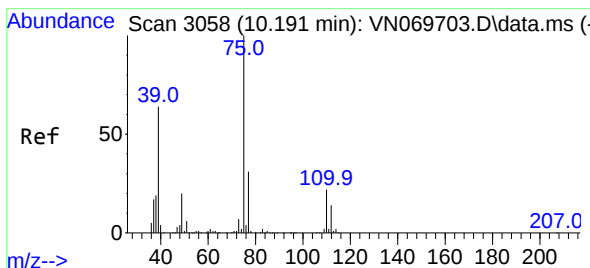
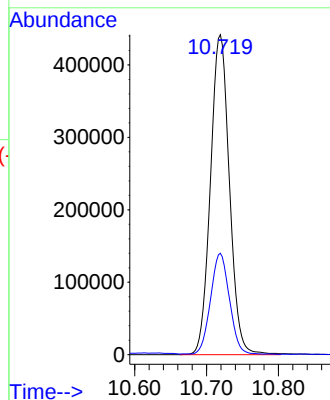
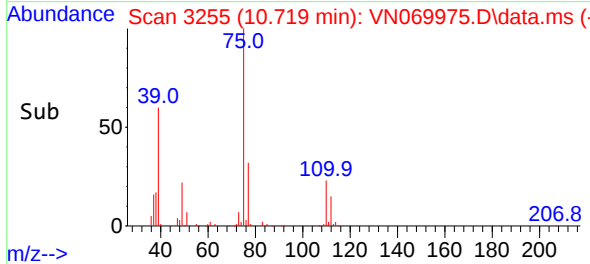
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



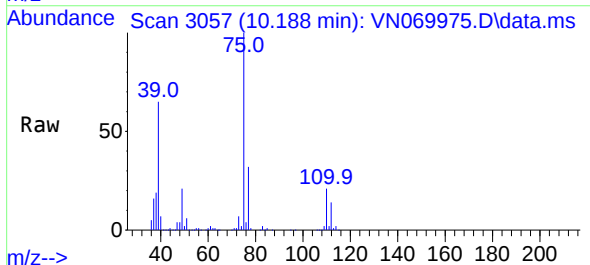
Tgt Ion: 75 Resp: 809752
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4

Manual Integrations
APPROVED

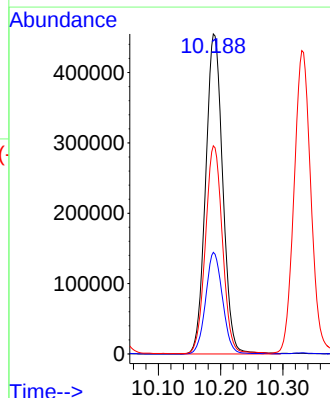
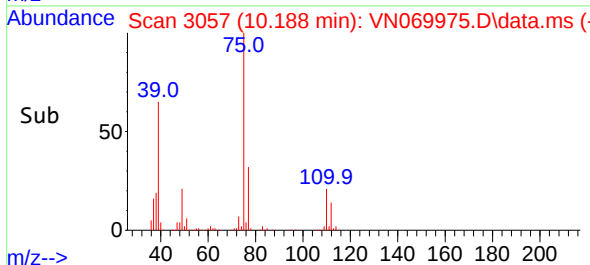
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

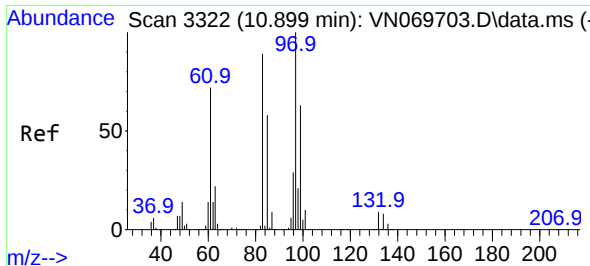


#54
cis-1,3-Dichloropropene
Concen: 42.783 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21



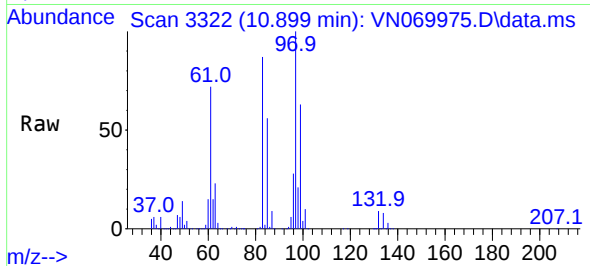
Tgt Ion: 75 Resp: 868495
Ion Ratio Lower Upper
75 100
77 31.7 26.4 39.6
39 64.9 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 43.695 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

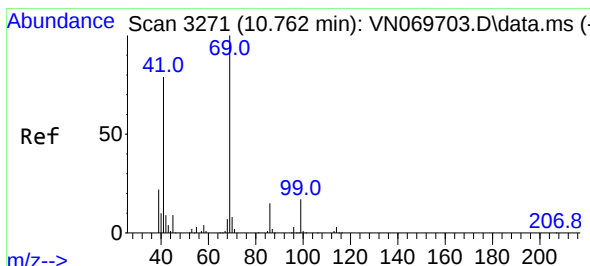
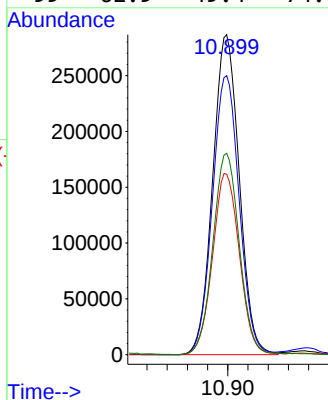
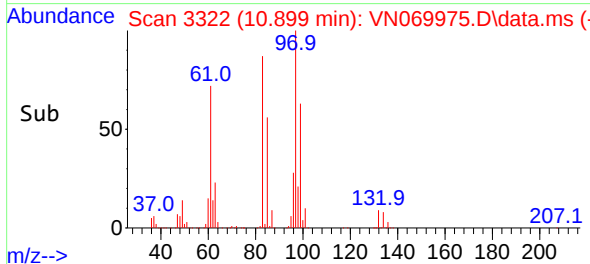
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



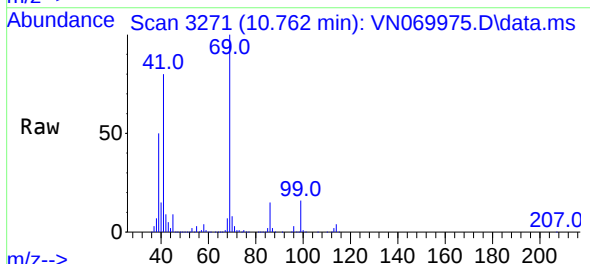
Tgt Ion: 97 Resp: 522710
Ion Ratio Lower Upper
97 100
83 87.2 67.8 101.6
85 56.4 45.4 68.2
99 62.9 49.4 74.0

Manual Integrations
APPROVED

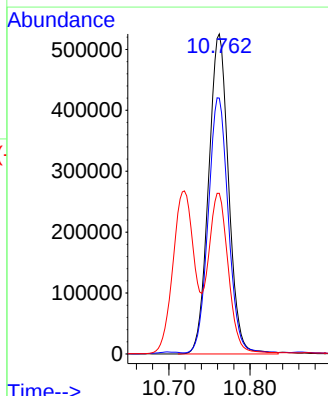
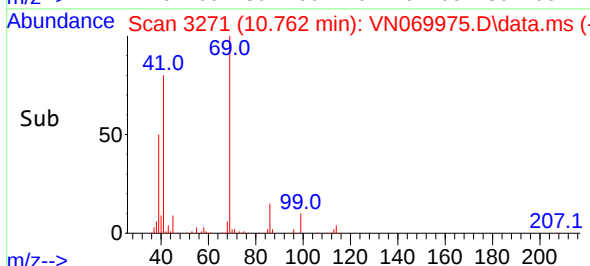
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

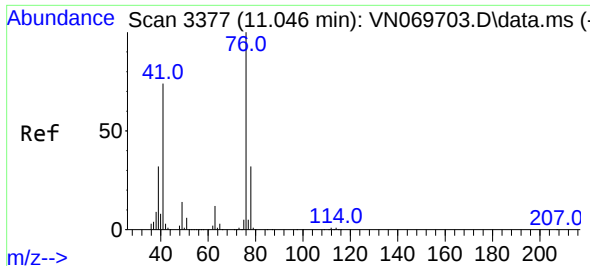


#56
Ethyl methacrylate
Concen: 40.266 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21



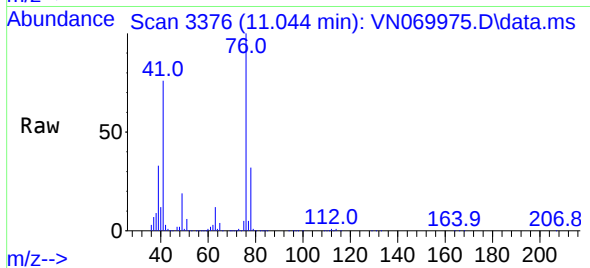
Tgt Ion: 69 Resp: 898389
Ion Ratio Lower Upper
69 100
41 79.6 51.4 77.0#
39 49.1 34.6 52.0





#57
1,3-Dichloropropane
Concen: 44.274 ug/l
RT: 11.044 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

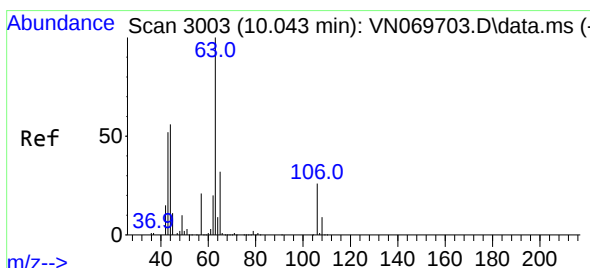
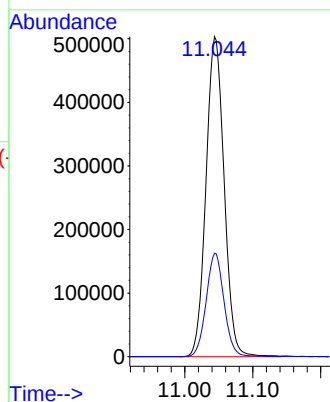
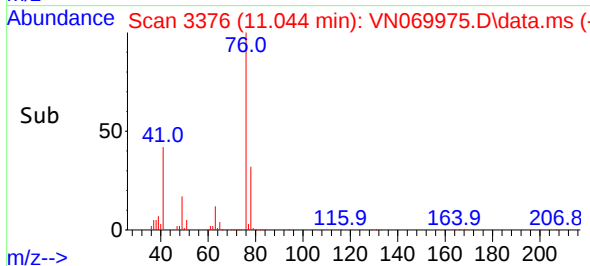
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



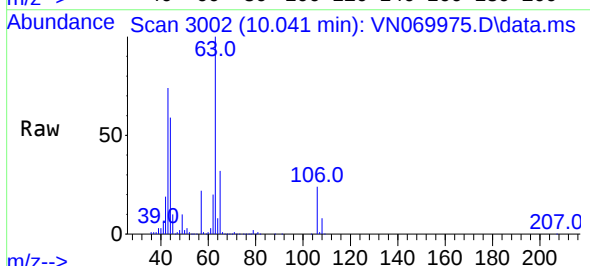
Tgt Ion: 76 Resp: 932592
Ion Ratio Lower Upper
76 100
78 31.9 25.7 38.5

Manual Integrations
APPROVED

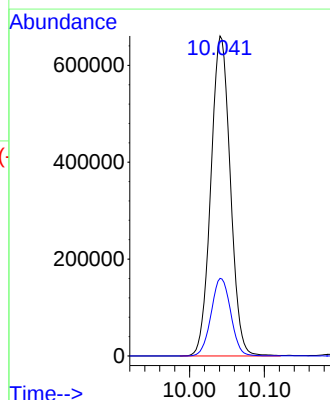
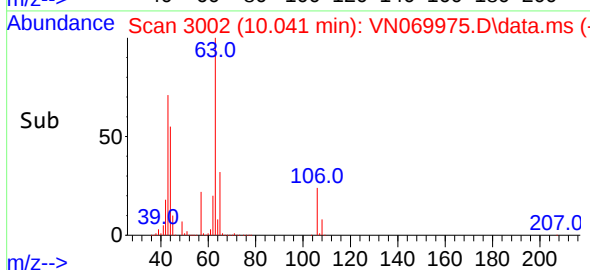
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

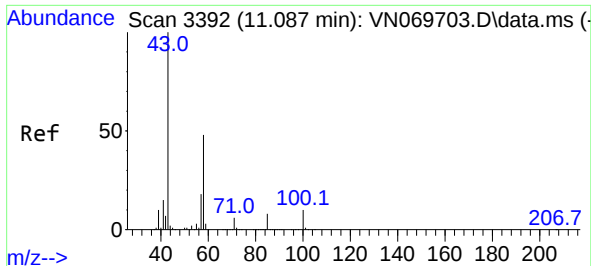


#58
2-Chloroethyl Vinyl ether
Concen: 199.906 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.002 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21



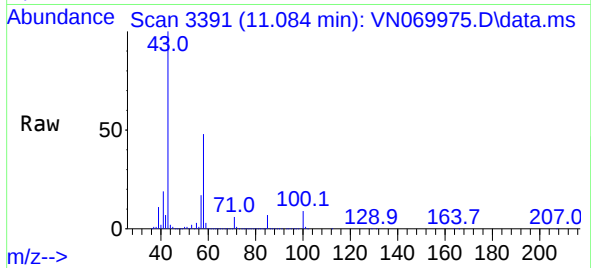
Tgt Ion: 63 Resp: 1194282
Ion Ratio Lower Upper
63 100
106 24.4 23.9 35.9





#59
2-Hexanone
Concen: 210.553 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. -0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

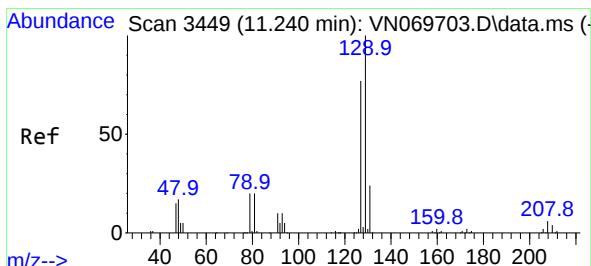
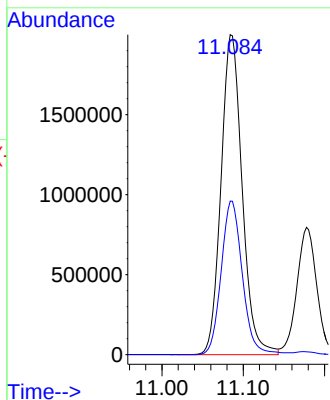
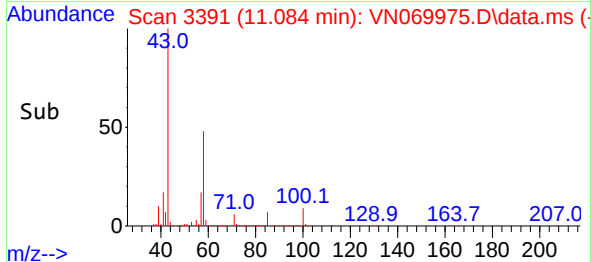
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 361588
Ion Ratio Lower Upper
43 100
58 48.2 26.9 80.7

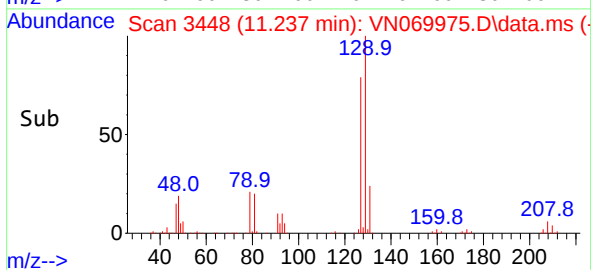
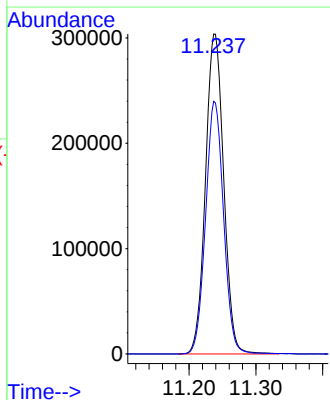
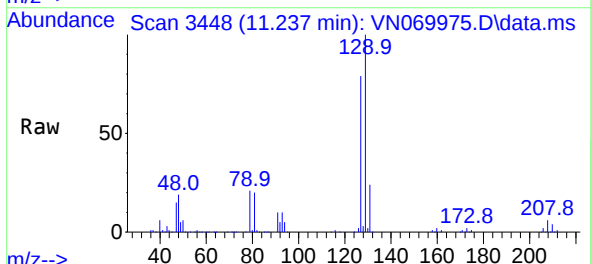
Manual Integrations
APPROVED

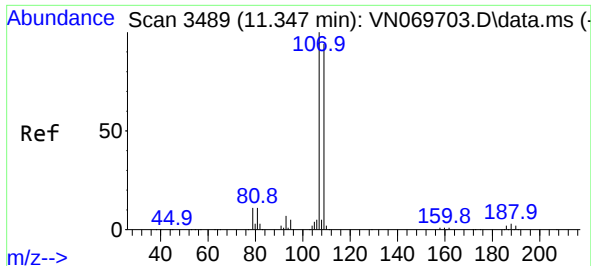
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#60
Dibromochloromethane
Concen: 45.163 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

Tgt Ion:129 Resp: 575790
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 43.500 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

Instrument :

MSVOA_N

ClientSampleId :

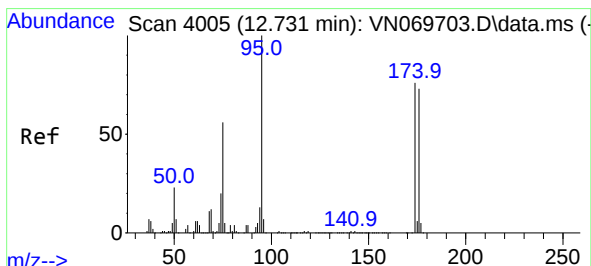
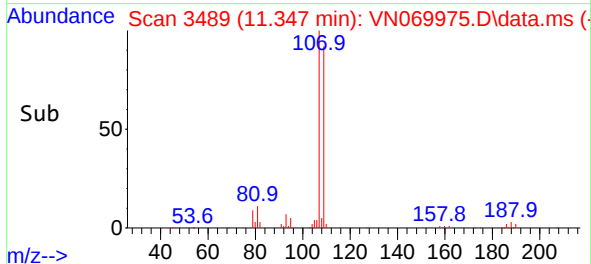
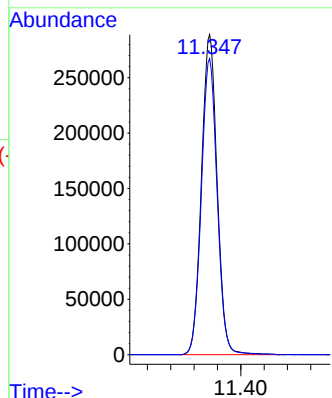
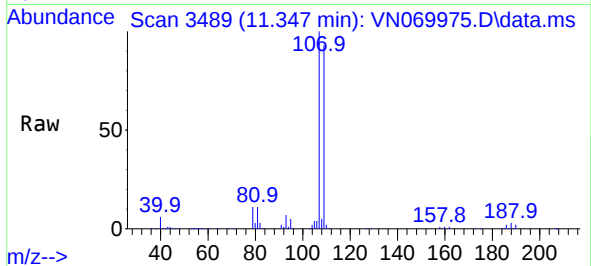
VSTDCCC050EC

Tgt Ion:107 Resp: 538992
Ion Ratio Lower Upper
107 100
109 93.1 75.7 113.5

Manual Integrations

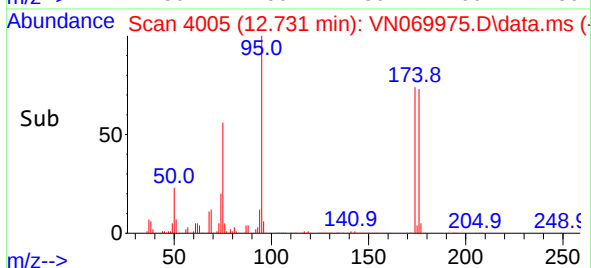
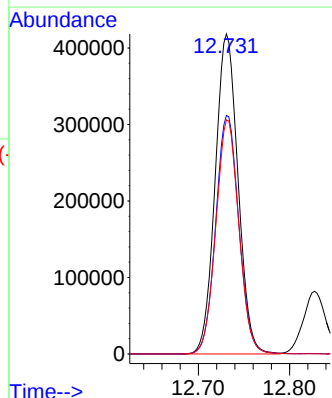
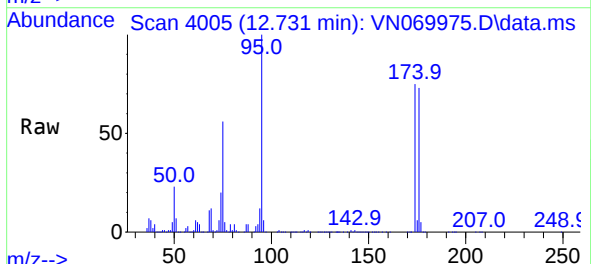
APPROVED

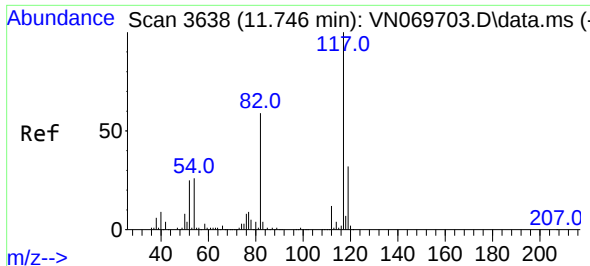
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#62
4-Bromofluorobenzene
Concen: 47.803 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

Tgt Ion: 95 Resp: 726954
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 73.6 0.0 181.4





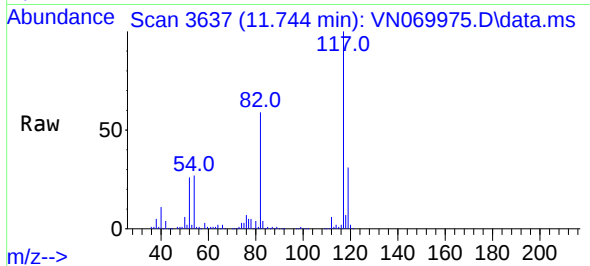
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

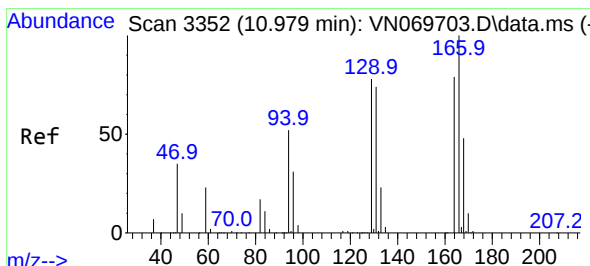
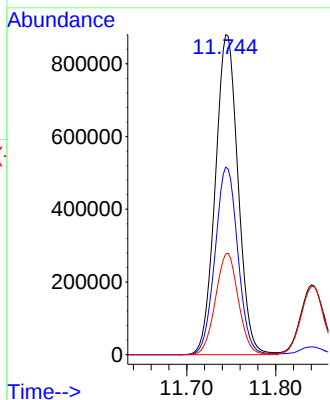
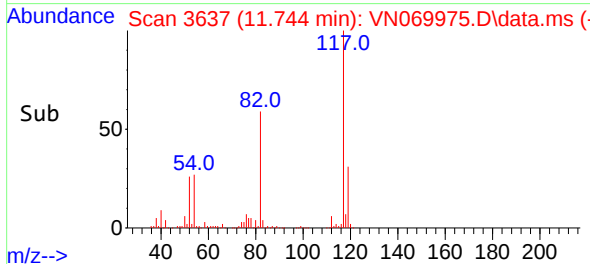


Tgt Ion:117 Resp: 156517
Ion Ratio Lower Upper
117 100
82 58.6 42.4 63.6
119 31.5 25.4 38.2

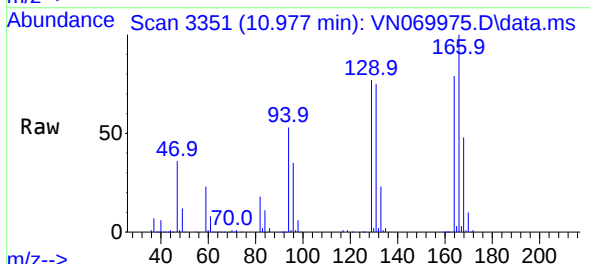
Manual Integrations

APPROVED

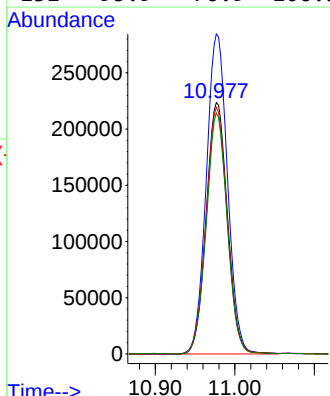
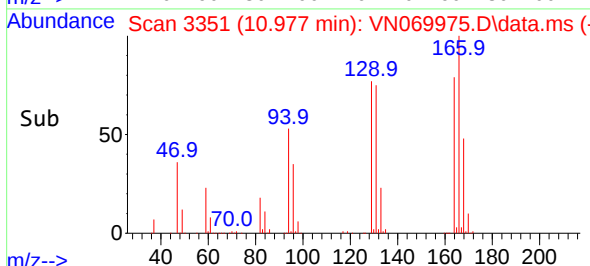
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#64
Tetrachloroethene
Concen: 39.220 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21



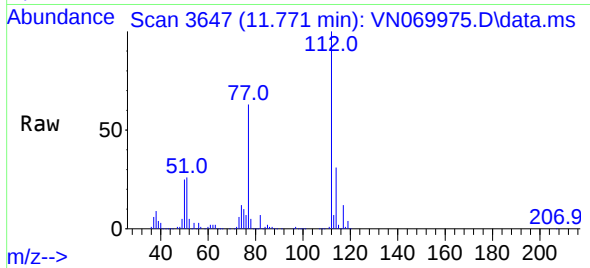
Tgt Ion:164 Resp: 416235
Ion Ratio Lower Upper
164 100
166 127.3 101.9 152.9
129 98.1 72.0 108.0
131 95.9 70.9 106.3





#65
Chlorobenzene
Concen: 42.599 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

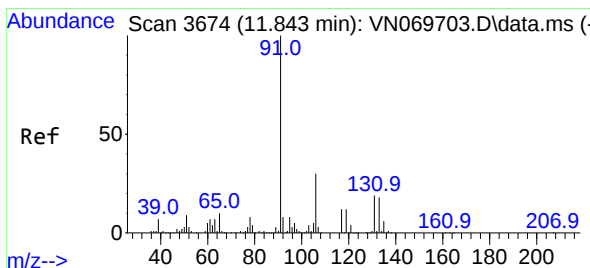
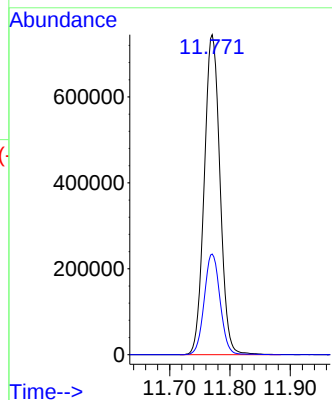
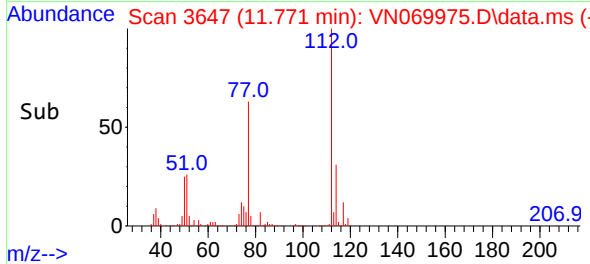
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



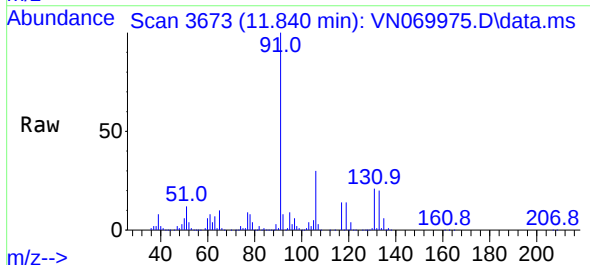
Tgt Ion:112 Resp: 135263
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0

Manual Integrations
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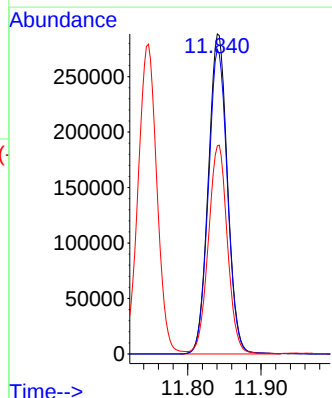
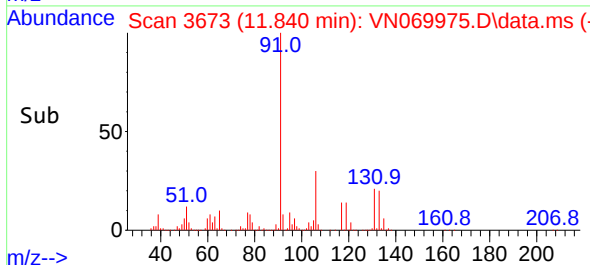
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

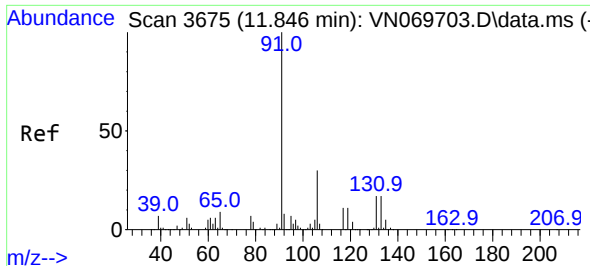


#66
1,1,1,2-Tetrachloroethane
Concen: 46.746 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21



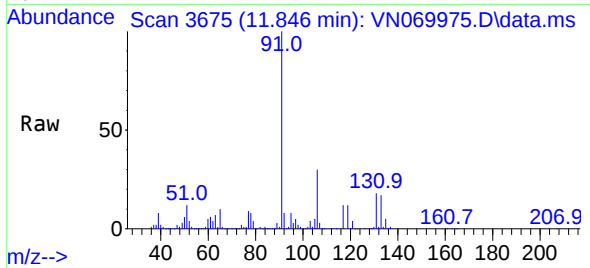
Tgt Ion:131 Resp: 522428
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.7
119 64.5 32.1 96.5





#67
Ethyl Benzene
Concen: 44.211 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

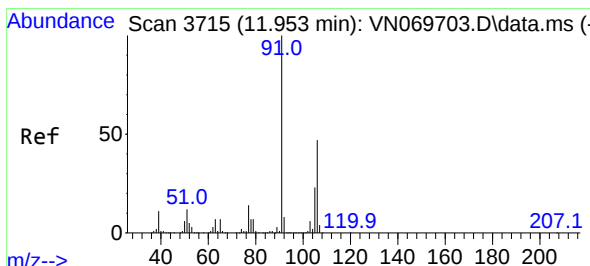
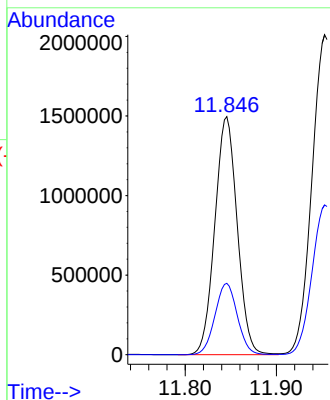
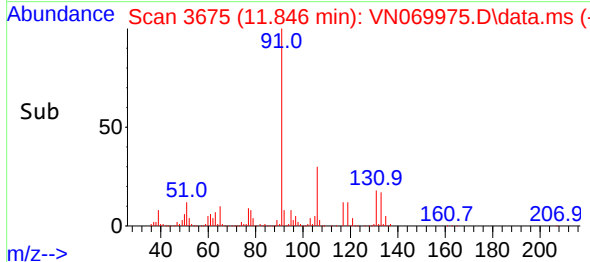
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



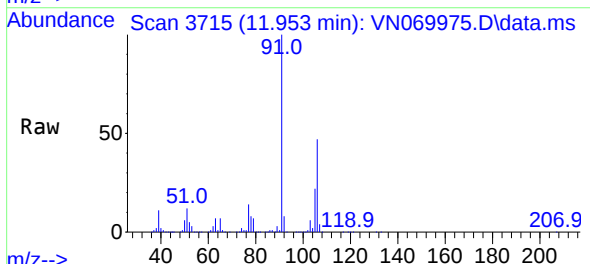
Tgt Ion: 91 Resp: 255002
Ion Ratio Lower Upper
91 100
106 30.0 25.7 38.5

Manual Integrations
APPROVED

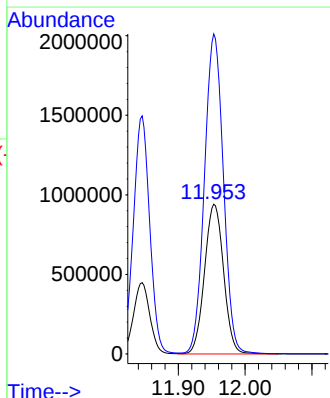
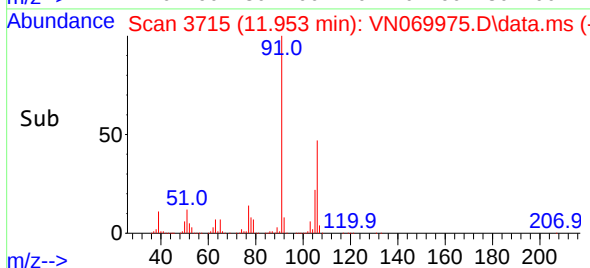
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

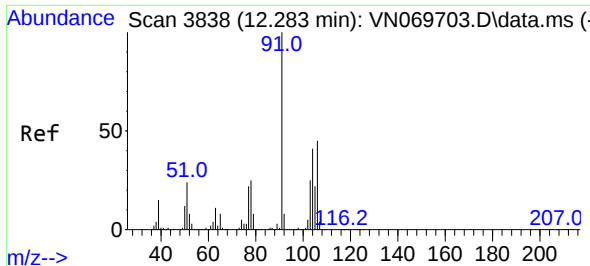


#68
m/p-Xylenes
Concen: 88.694 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21



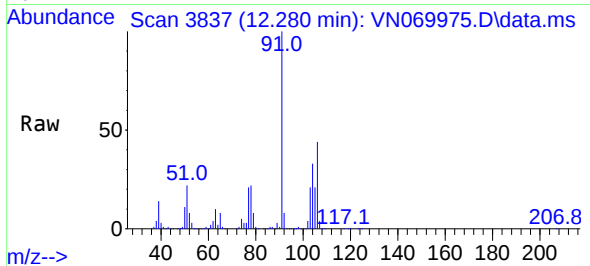
Tgt Ion:106 Resp: 1862667
Ion Ratio Lower Upper
106 100
91 212.6 160.6 240.8





#69
o-Xylene
Concen: 43.770 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

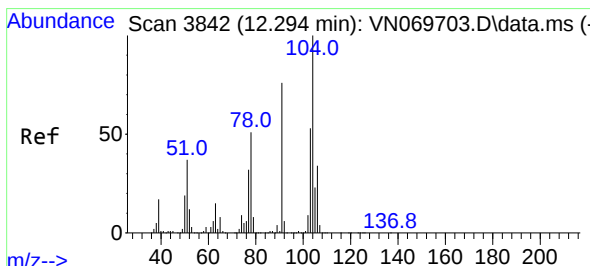
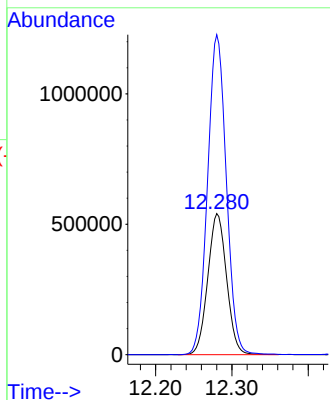
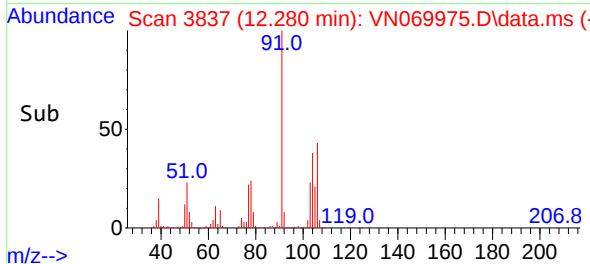
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 925908
Ion Ratio Lower Upper
106 100
91 226.1 105.8 317.3

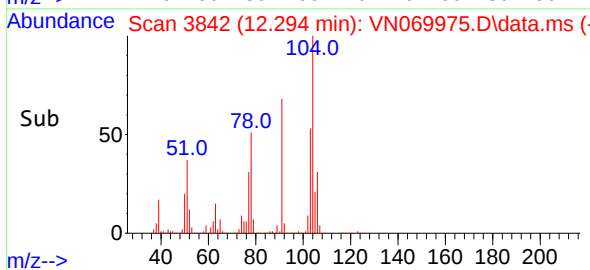
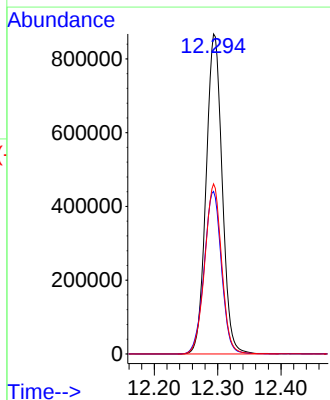
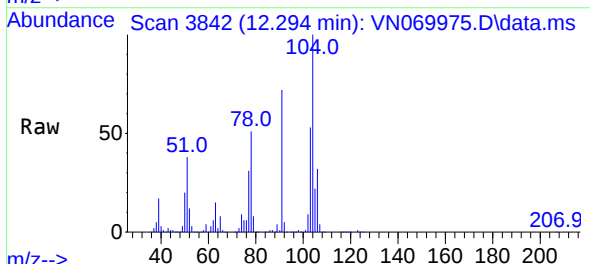
Manual Integrations
APPROVED

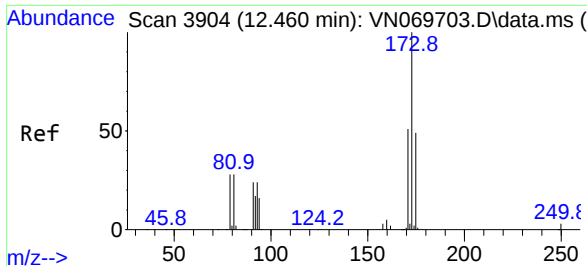
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#70
Styrene
Concen: 45.639 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

Tgt Ion:104 Resp: 1530904
Ion Ratio Lower Upper
104 100
78 54.5 38.7 58.1
103 55.8 45.0 67.6





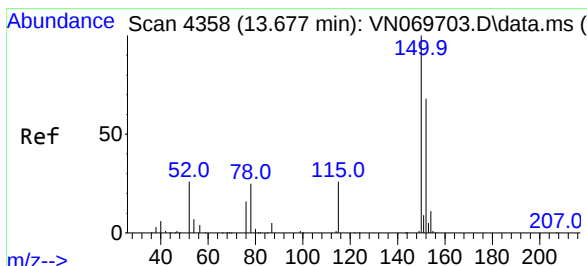
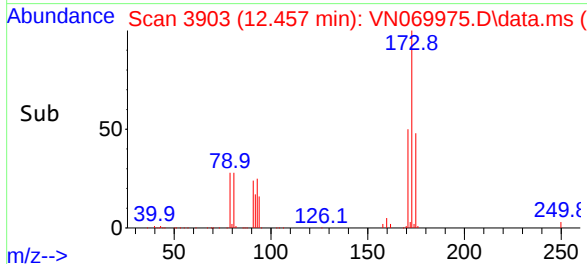
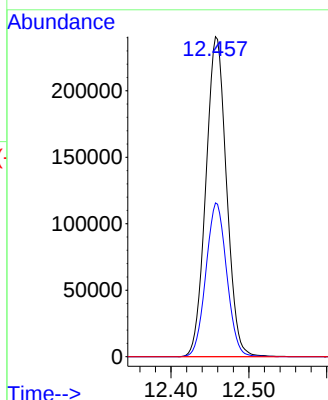
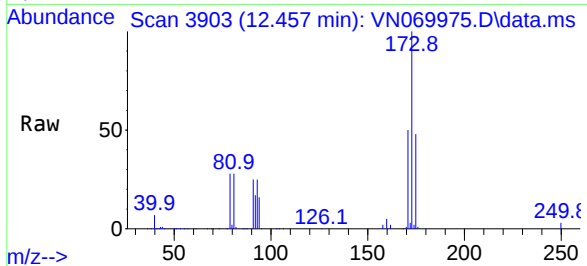
#71
Bromoform
Concen: 46.596 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 44352
Ion Ratio Lower Upper
173 100
175 48.4 24.2 72.6
254 0.0 0.0 0.0

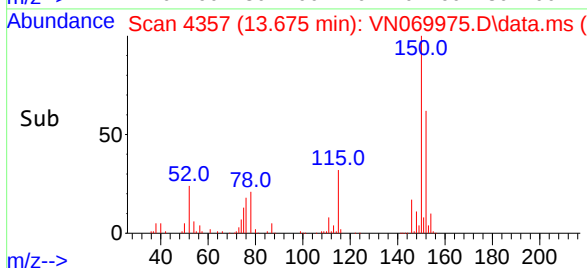
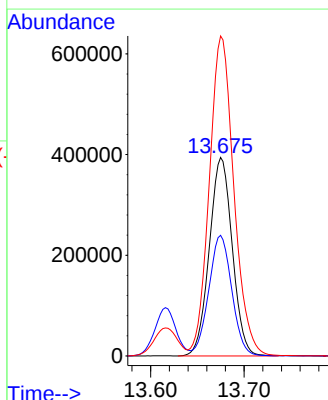
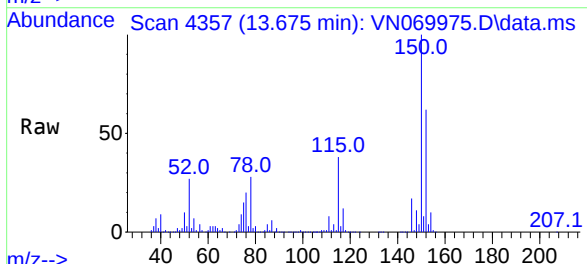
Manual Integrations
APPROVED

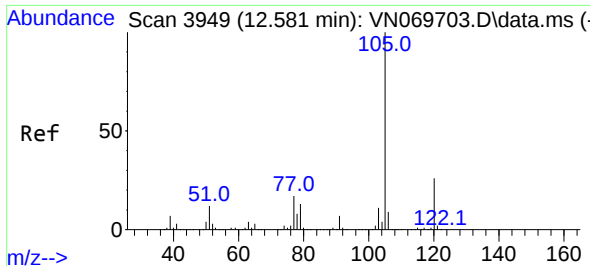
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

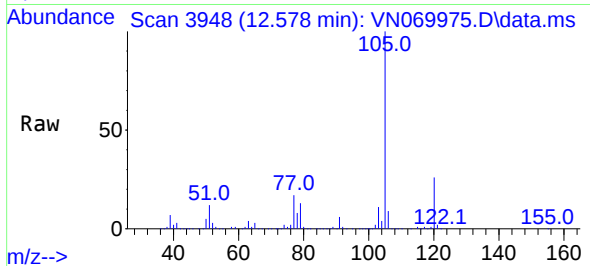
Tgt Ion:152 Resp: 674033
Ion Ratio Lower Upper
152 100
115 60.7 27.5 82.5
150 171.9 0.0 344.4





#73
Isopropylbenzene
Concen: 41.042 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

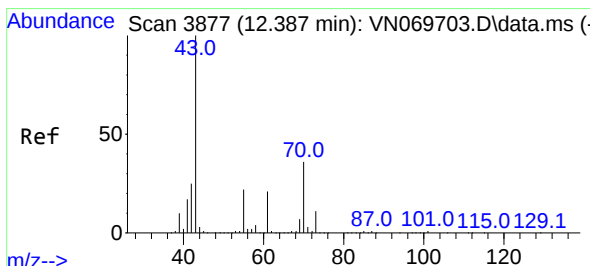
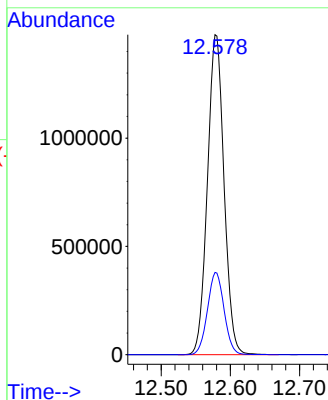
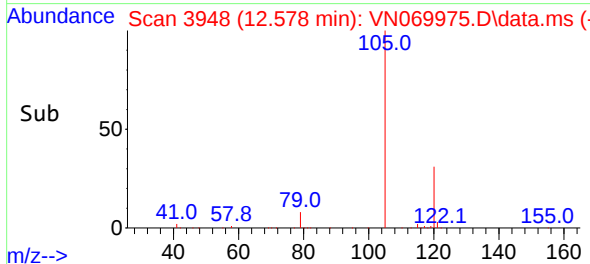
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



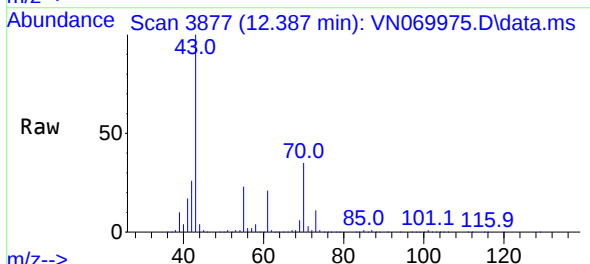
Tgt Ion: 105 Resp: 2461290
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

Manual Integrations
APPROVED

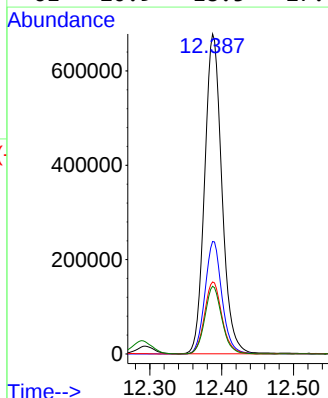
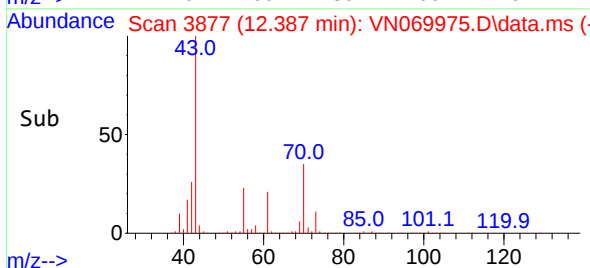
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

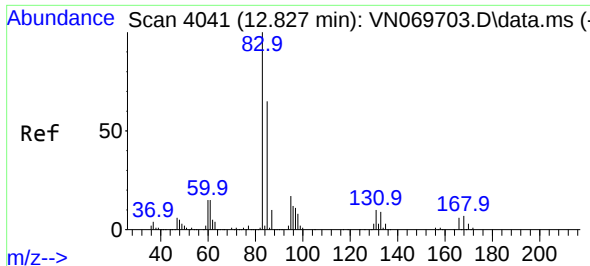


#74
N-ethyl acetate
Concen: 42.693 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. -0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21



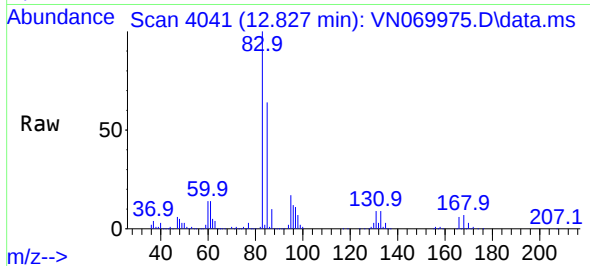
Tgt Ion: 43 Resp: 1132264
Ion Ratio Lower Upper
43 100
70 34.8 33.4 50.0
55 22.9 19.3 28.9
61 20.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 41.122 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

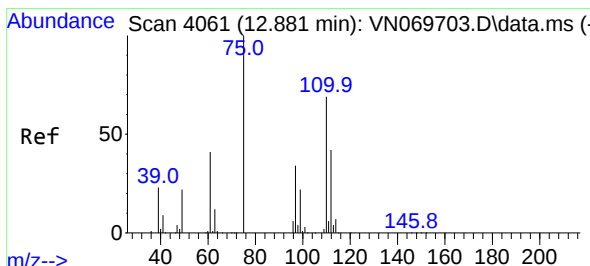
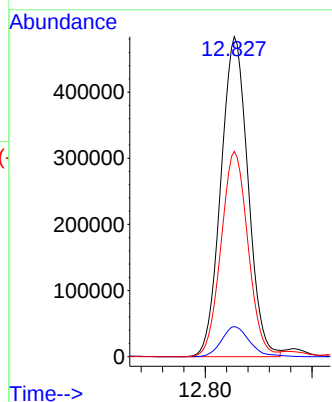
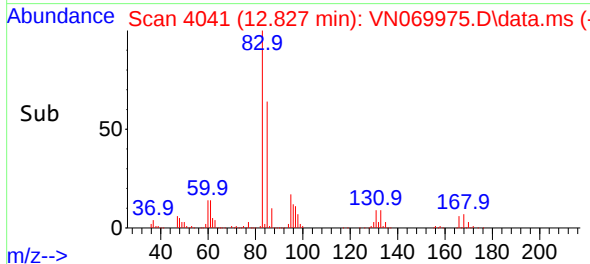
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



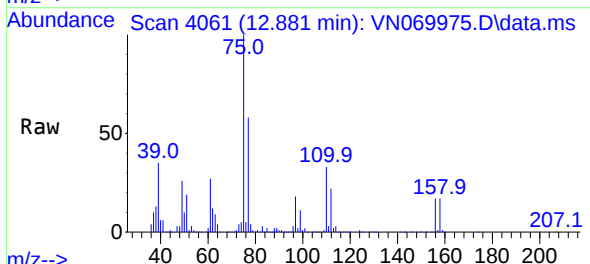
Tgt Ion: 83 Resp: 852785
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.5
85 63.7 32.4 97.2

Manual Integrations
APPROVED

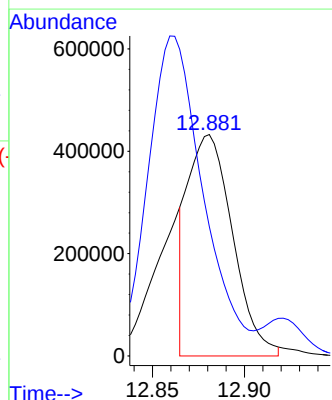
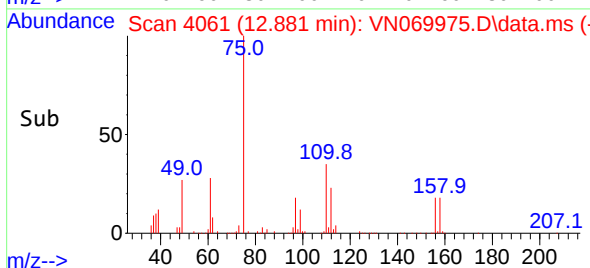
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

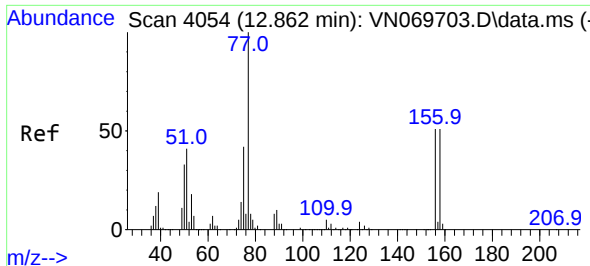


#76
1,2,3-Trichloropropane
Concen: 37.774 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21



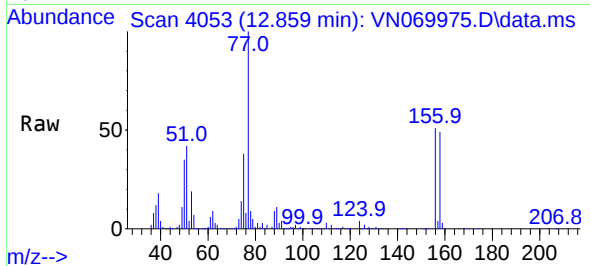
Tgt Ion: 75 Resp: 730167
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 40.419 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

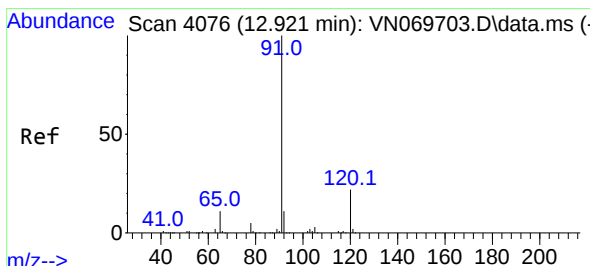
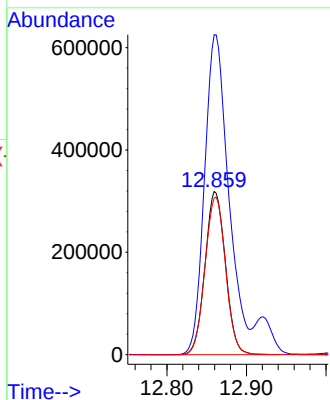
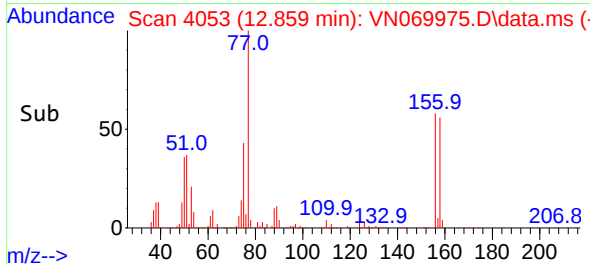
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



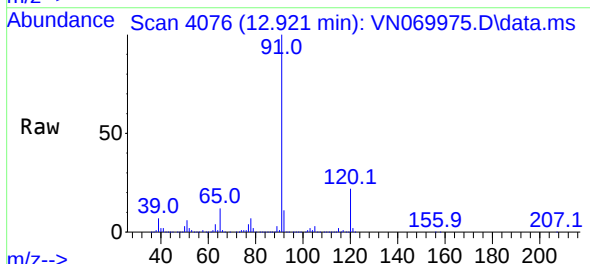
Tgt Ion:156 Resp: 569348
Ion Ratio Lower Upper
156 100
77 230.1 90.6 271.8
158 97.4 48.9 146.7

Manual Integrations
APPROVED

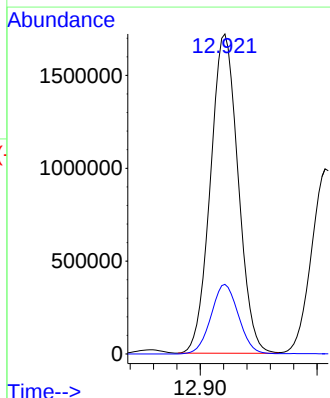
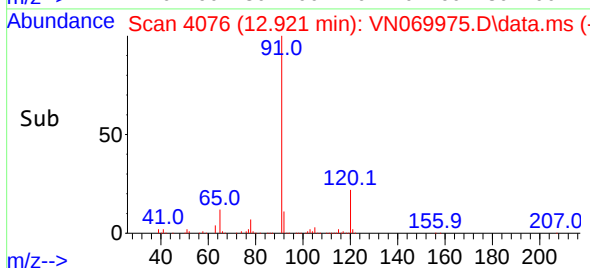
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

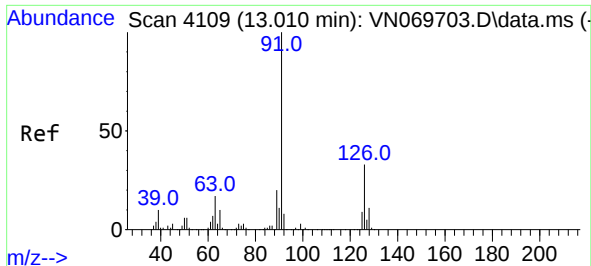


#78
n-propylbenzene
Concen: 42.379 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21



Tgt Ion: 91 Resp: 2828066
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9





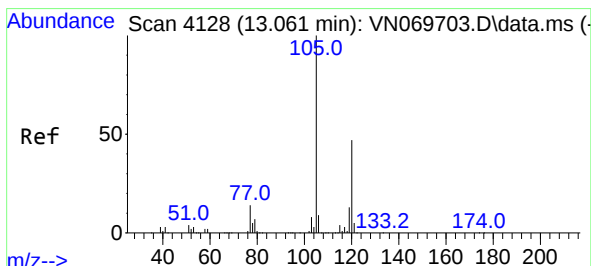
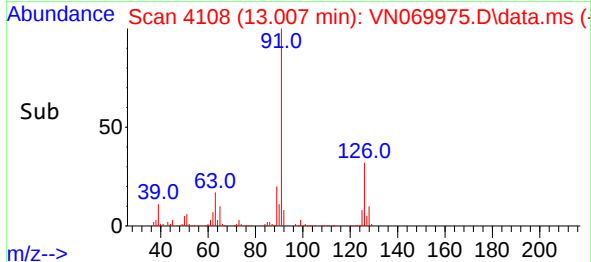
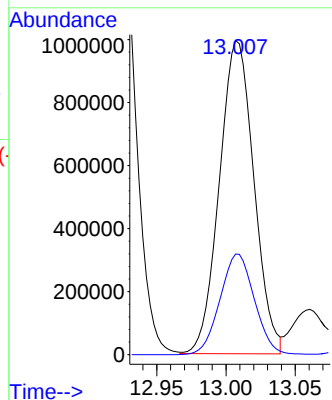
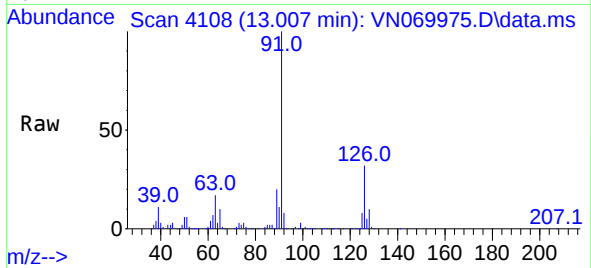
#79
2-Chlorotoluene
Concen: 40.940 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 172632
Ion Ratio Lower Upper
91 100
126 32.1 18.3 54.8

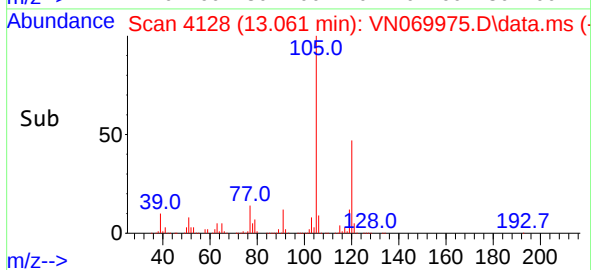
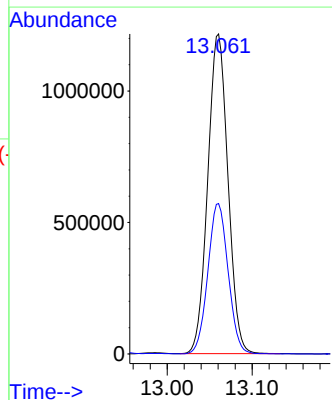
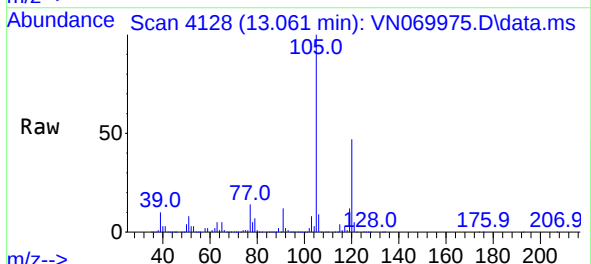
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#80
1,3,5-Trimethylbenzene
Concen: 41.560 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

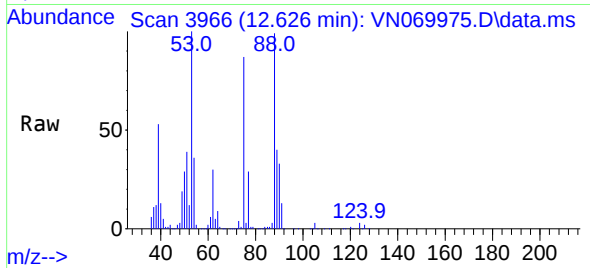
Tgt Ion:105 Resp: 2006033
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 42.518 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

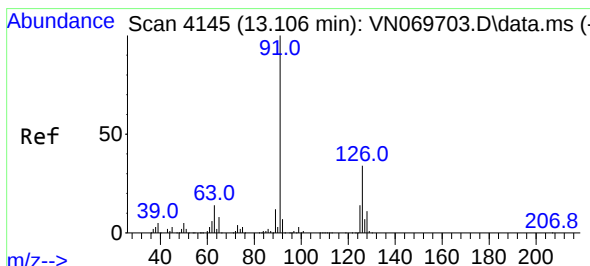
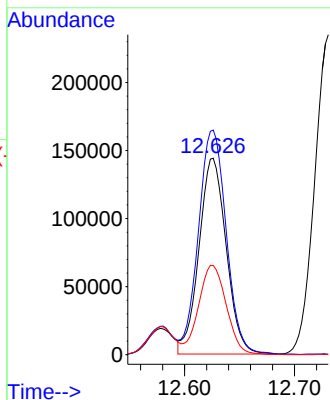
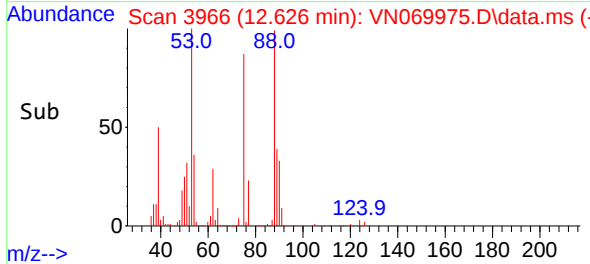
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 24720
Ion Ratio Lower Upper
75 100
53 117.5 90.5 135.7
89 46.3 38.2 57.4

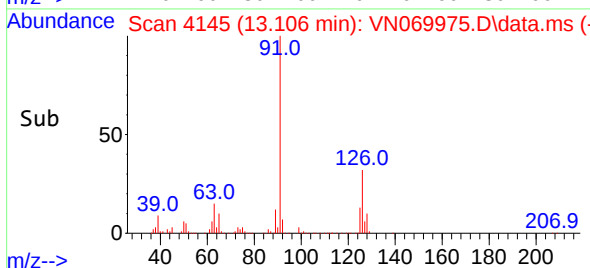
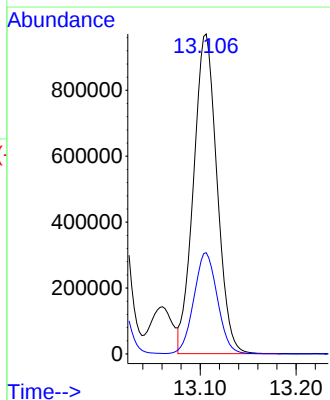
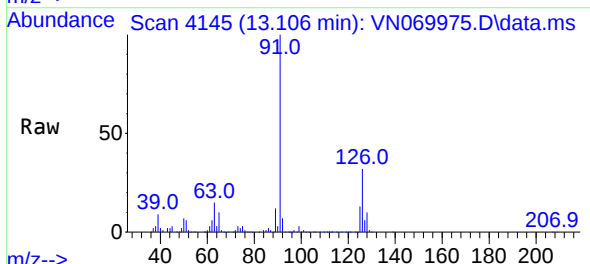
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#82
4-Chlorotoluene
Concen: 41.607 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. -0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

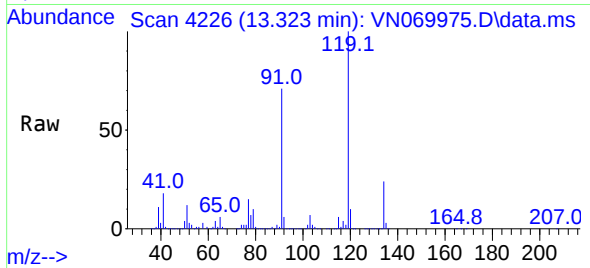
Tgt Ion: 91 Resp: 1649915
Ion Ratio Lower Upper
91 100
126 31.9 18.2 54.6





#83
tert-Butylbenzene
Concen: 41.584 ug/l
RT: 13.323 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

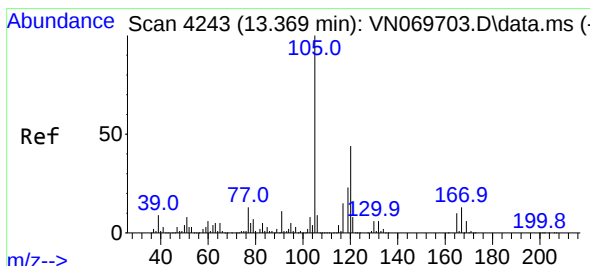
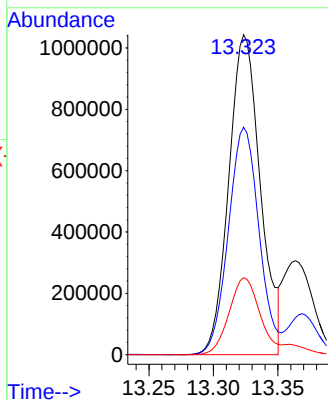
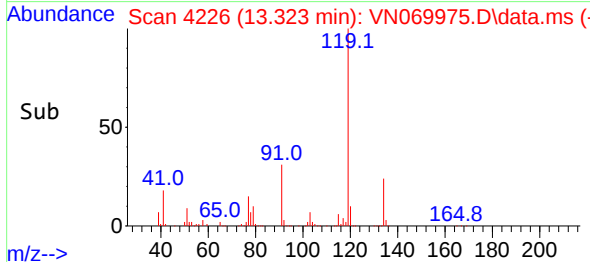
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



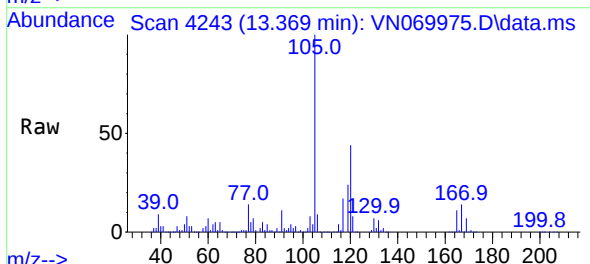
Tgt Ion:119 Resp: 1777307
Ion Ratio Lower Upper
119 100
91 69.5 31.5 94.5
134 23.6 12.4 37.4

Manual Integrations
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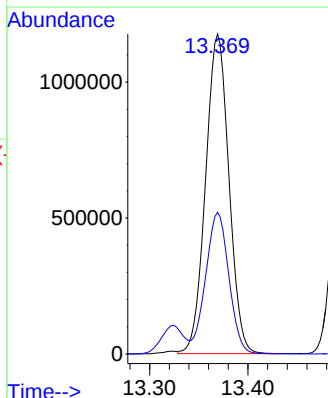
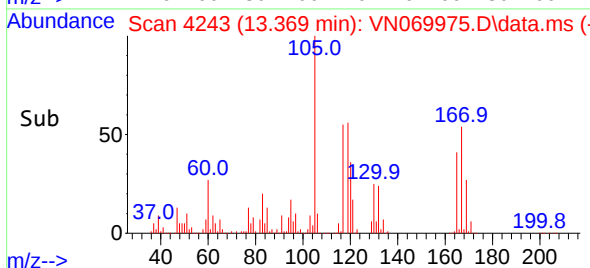
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

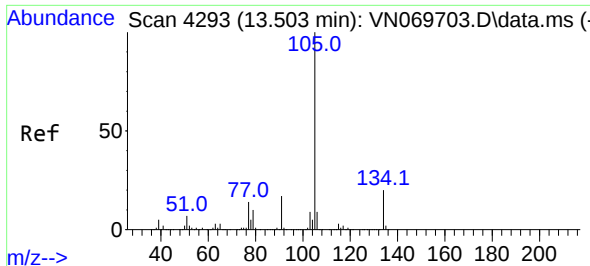


#84
1,2,4-Trimethylbenzene
Concen: 42.102 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21



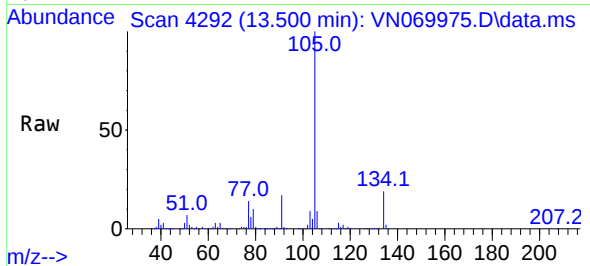
Tgt Ion:105 Resp: 1935389
Ion Ratio Lower Upper
105 100
120 44.3 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 42.202 ug/l
 RT: 13.500 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN069975.D
 Acq: 10 Dec 2021 22:21

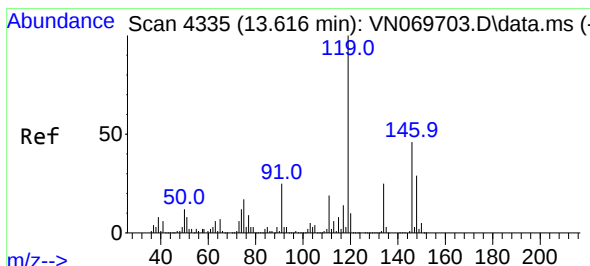
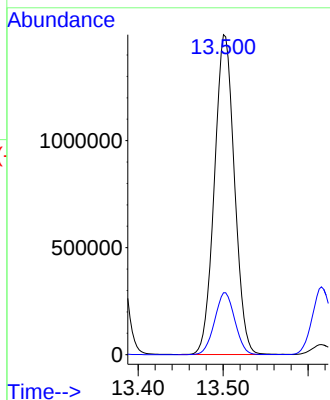
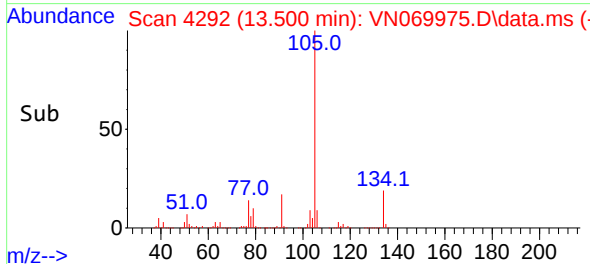
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



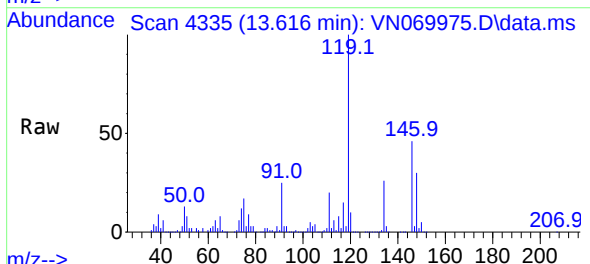
Tgt Ion:105 Resp: 244659
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.1

Manual Integrations
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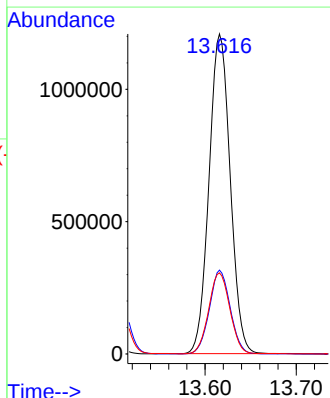
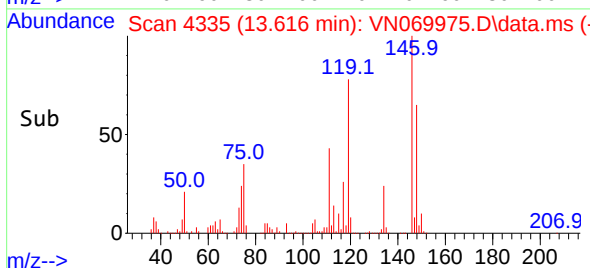
Reviewed By :John Carlone 12/11/2021
 Supervised By :Amit Patel 12/14/2021

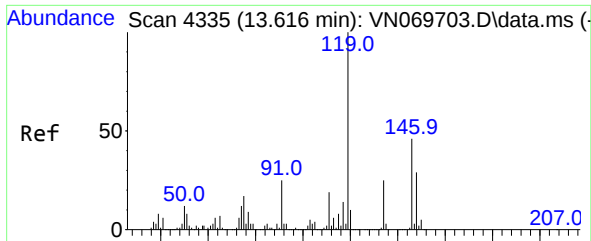


#86
 p-Isopropyltoluene
 Concen: 42.962 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069975.D
 Acq: 10 Dec 2021 22:21



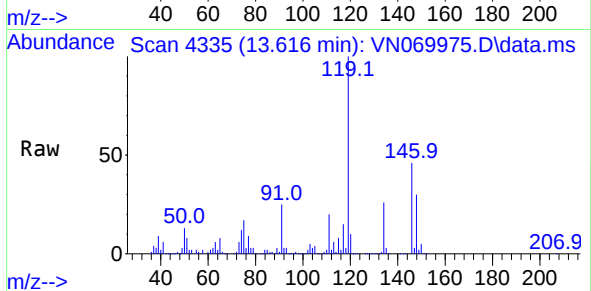
Tgt Ion:119 Resp: 1946842
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 25.3 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 41.362 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

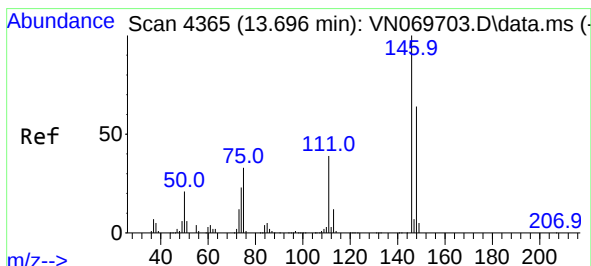
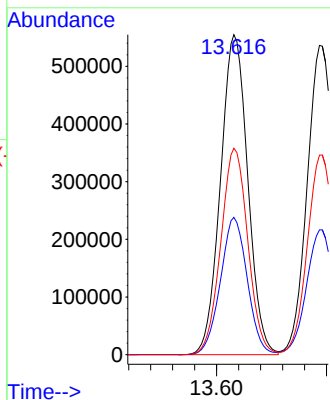
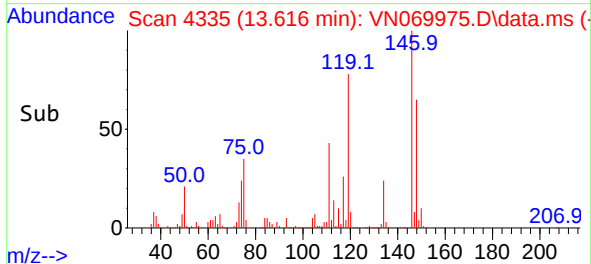
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



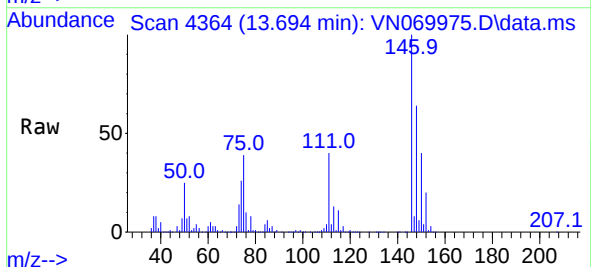
Tgt Ion:146 Resp: 957168
Ion Ratio Lower Upper
146 100
111 42.2 18.6 55.6
148 64.0 31.6 95.0

Manual Integrations
APPROVED

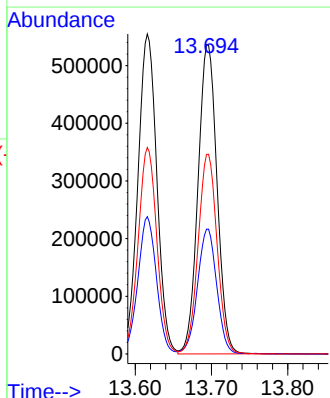
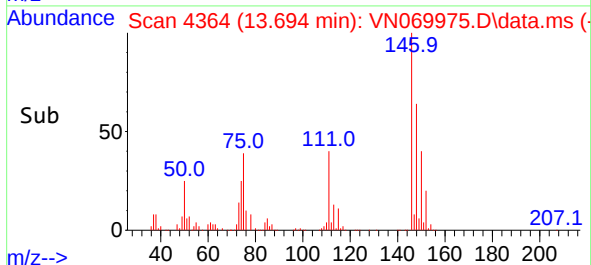
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

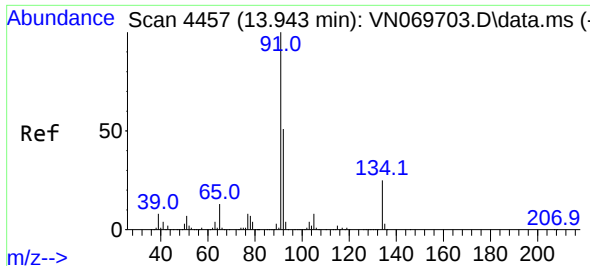


#88
1,4-Dichlorobenzene
Concen: 40.879 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21



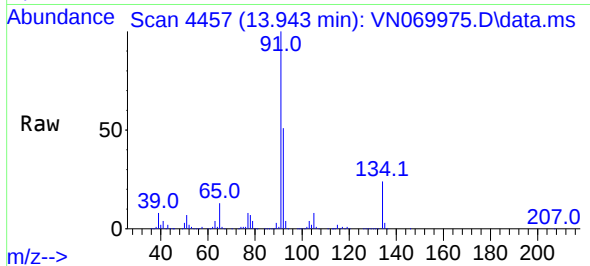
Tgt Ion:146 Resp: 929662
Ion Ratio Lower Upper
146 100
111 40.6 18.3 54.8
148 64.2 31.8 95.4





#89
n-Butylbenzene
Concen: 43.245 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

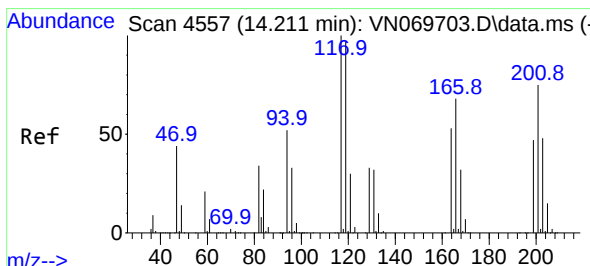
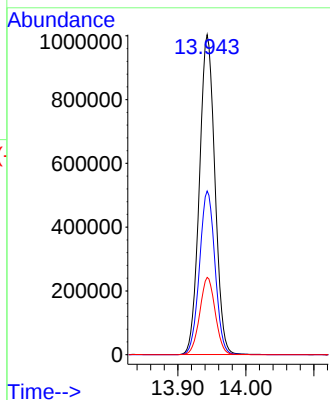
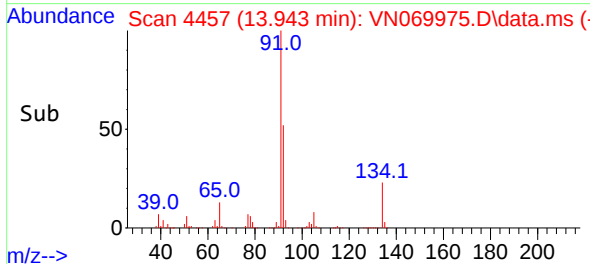
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 158967
Ion Ratio Lower Upper
91 100
92 51.3 25.4 76.0
134 24.1 13.6 40.8

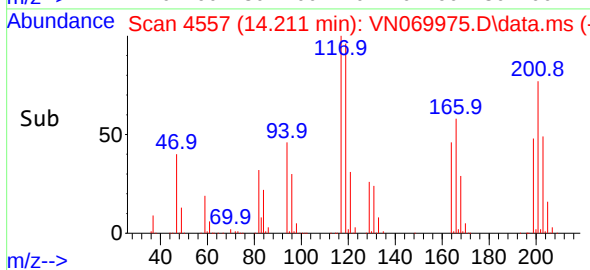
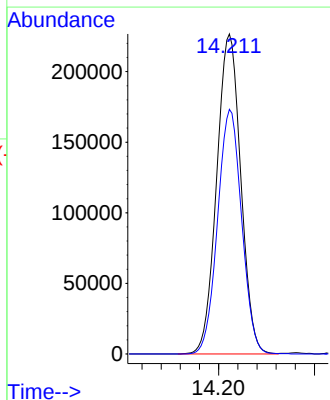
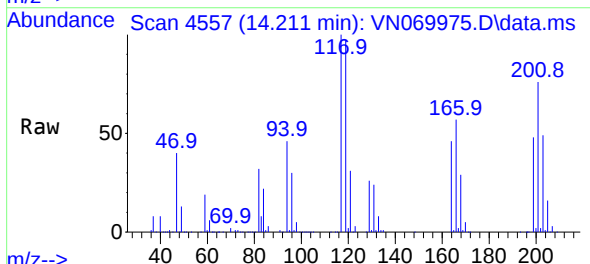
Manual Integrations
APPROVED

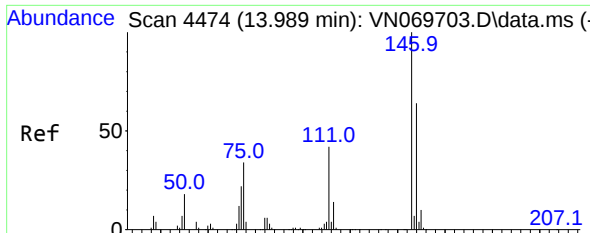
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#90
Hexachloroethane
Concen: 49.615 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

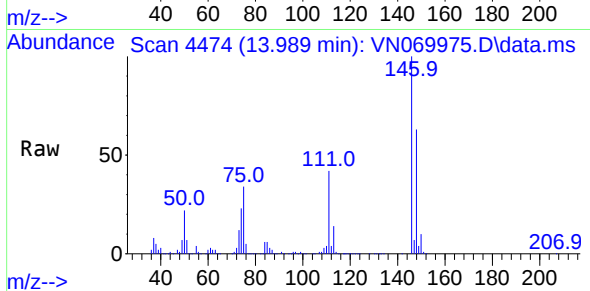
Tgt Ion:117 Resp: 394737
Ion Ratio Lower Upper
117 100
201 76.4 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 41.663 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

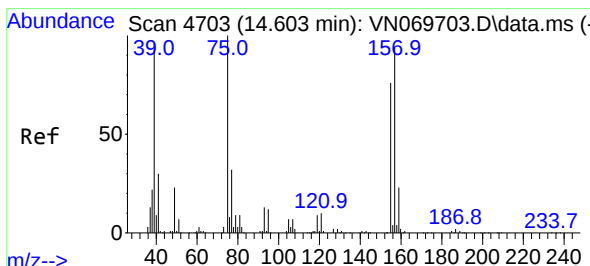
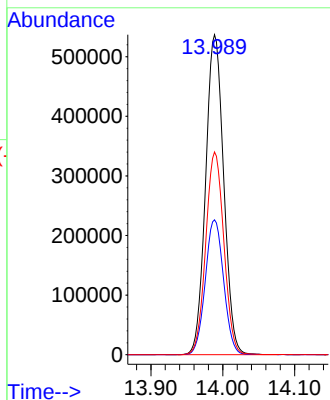
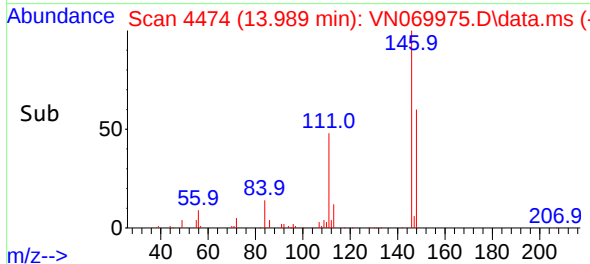
Instrument :
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ClientSampleId :
VSTDCCC050EC



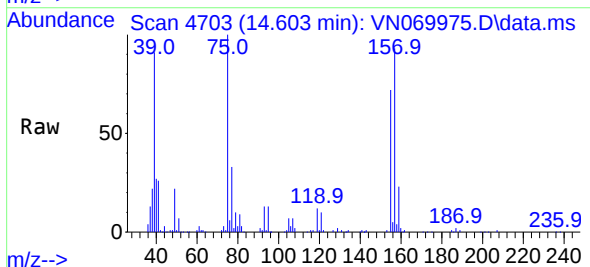
Tgt Ion:146 Resp: 939404
Ion Ratio Lower Upper
146 100
111 42.9 19.1 57.3
148 63.6 32.1 96.3

Manual Integrations
APPROVED

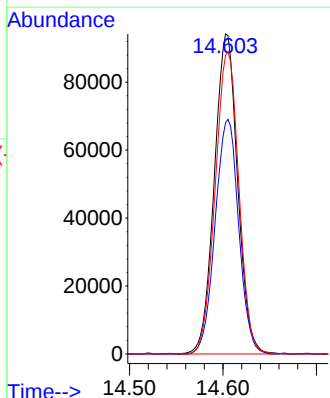
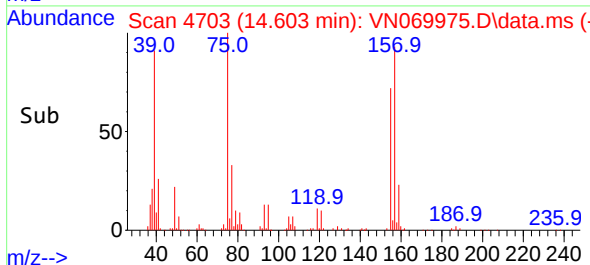
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

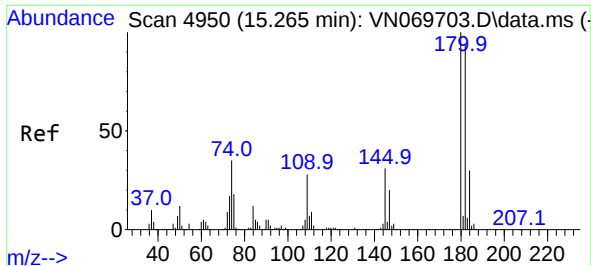


#92
1,2-Dibromo-3-Chloropropane
Concen: 43.592 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21



Tgt Ion: 75 Resp: 163354
Ion Ratio Lower Upper
75 100
155 74.1 46.9 140.7
157 95.8 60.6 181.7





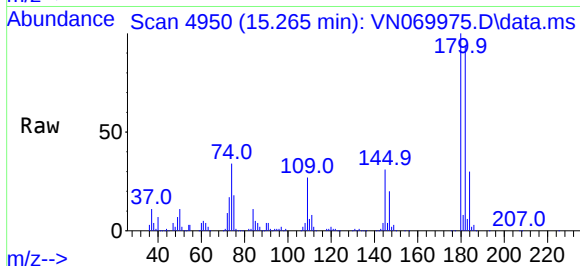
#93
1,2,4-Trichlorobenzene
Concen: 39.241 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

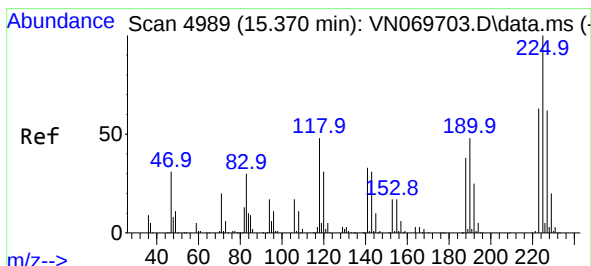
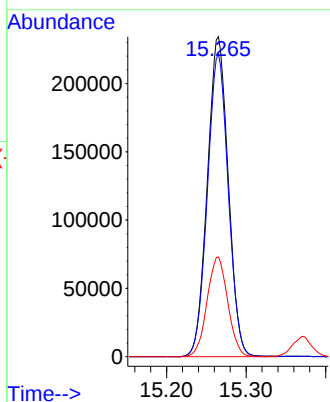
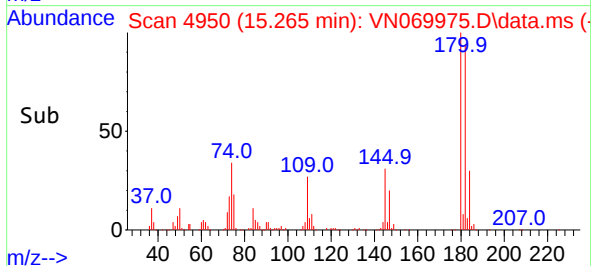


Tgt Ion:180 Resp: 42668
Ion Ratio Lower Upper
180 100
182 94.6 48.3 144.9
145 31.0 14.5 43.5

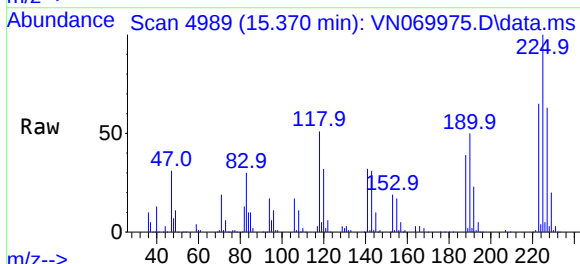
Manual Integrations

APPROVED

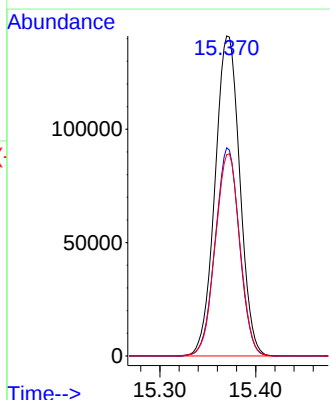
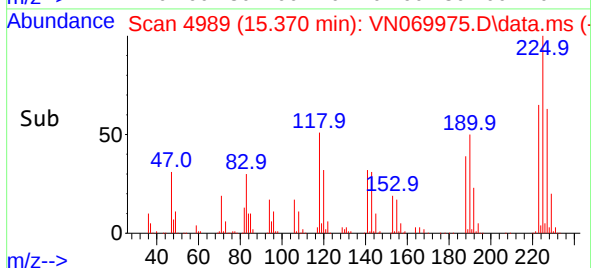
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

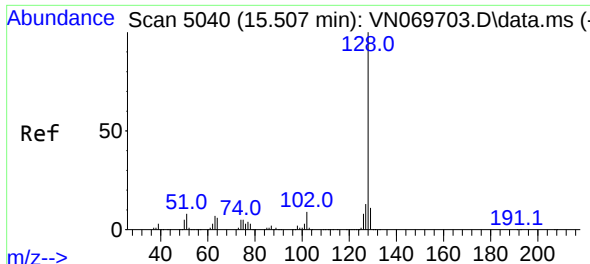


#94
Hexachlorobutadiene
Concen: 42.365 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21



Tgt Ion:225 Resp: 253155
Ion Ratio Lower Upper
225 100
223 63.6 31.9 95.7
227 62.8 32.1 96.3





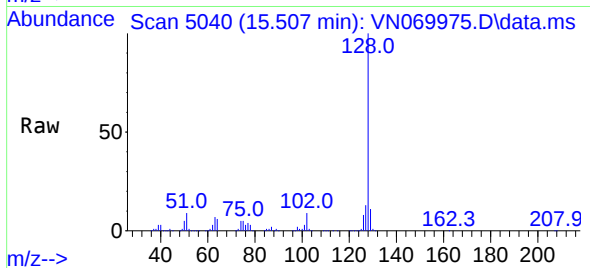
#95
Naphthalene
Concen: 36.555 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

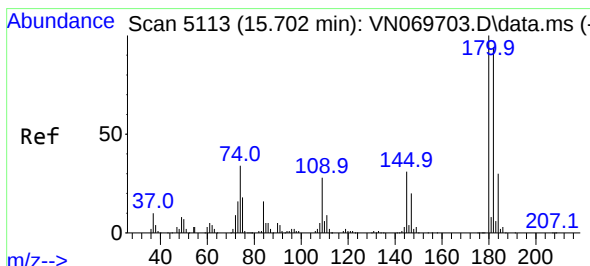
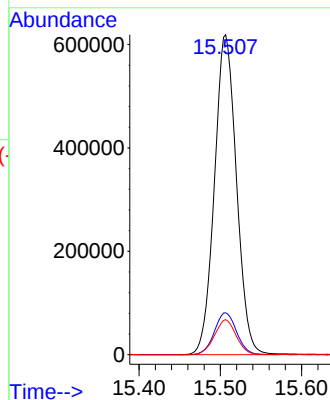
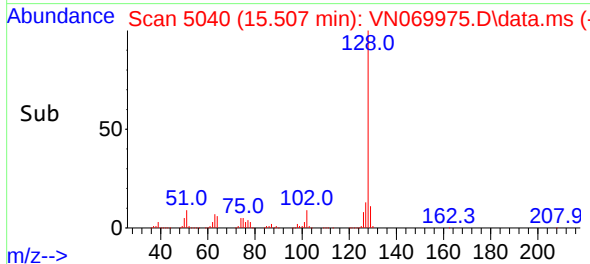


Tgt Ion:128 Resp: 1165772
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.8 8.7 13.1

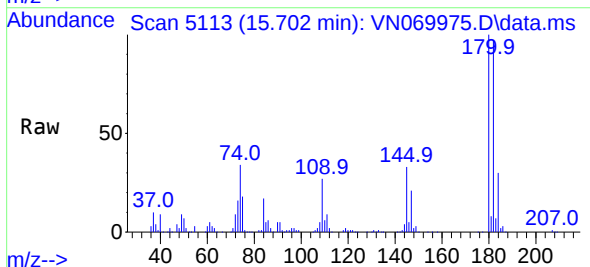
Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#96
1,2,3-Trichlorobenzene
Concen: 39.578 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069975.D
Acq: 10 Dec 2021 22:21



Tgt Ion:180 Resp: 420804
Ion Ratio Lower Upper
180 100
182 95.3 47.4 142.2
145 33.0 15.0 45.1

